

| Root | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN | FCT Speed | TI Orderable PN | TI Comments                      |
|------|----------------|----------------|------------------|---------|-----------|--------|------|---------------|-----------|-----------------|----------------------------------|
| 10   | ALVC           | 74ALVC10       | 74ALVC10DC       | DC      | SOIC      | D      | 14   | SN74LVC10A    |           | SN74LVC10AD     |                                  |
| 10   | ALVC           | 74ALVC10       | 74ALVC10PY       | PY      | SSOP      | DB     | 14   | SN74ALVC10    |           | Not Available   | This Package                     |
| 10   | ALVC           | 74ALVC10       | 74ALVC10PG       | PG      | TSSOP     | PW     | 14   | SN74ALVC10    |           | SN74ALVC10PWR   |                                  |
| 52   | FCT            | 29FCT52AT      | 29FCT52ATQ       | Q       | QSOP/SSOP | DBQ    | 24   | CY29FCT52AT   |           | Not Available   | Use C speed                      |
| 52   | FCT            | 29FCT52AT      | 29FCT52ATSO      | SO      | SOIC      | DW     | 24   | CY29FCT52AT   |           | Not Available   | Use C speed                      |
| 52   | FCT            | 29FCT52AT      | 29FCT52ATPY      | PY      | SSOP      | DB     | 24   | CY29FCT52AT   |           | Not Available   | Use C speed                      |
| 52   | FCT            | 29FCT52BT      | 29FCT52BTQ       | Q       | QSOP/SSOP | DBQ    | 24   | CY29FCT52BT   |           | Not Available   | Use C speed                      |
| 52   | FCT            | 29FCT52BT      | 29FCT52BTSO      | SO      | SOIC      | DW     | 24   | CY29FCT52BT   |           | Not Available   | Use C speed                      |
| 52   | FCT            | 29FCT52BT      | 29FCT52BTPY      | PY      | SSOP      | DB     | 24   | CY29FCT52BT   |           | Not Available   | Use C speed                      |
| 52   | FCT            | 29FCT52CT      | 29FCT52CTQ       | Q       | QSOP/SSOP | DBQ    | 24   | CY29FCT52CT   |           | CY29FCT52CTQCT  |                                  |
| 52   | FCT            | 29FCT52CT      | 29FCT52CTSO      | SO      | SOIC      | DW     | 24   | CY29FCT52CT   |           | CY29FCT52CTSOC  |                                  |
| 52   | FCT            | 29FCT52CT      | 29FCT52CTPY      | PY      | SSOP      | DB     | 24   | CY29FCT52CT   |           | Not Available   | This Package                     |
| 138  | FCT            | 74FCT138T      | 74FCT138TD       | D       | CERDIP    | J      | 16   | CY74FCT138T   |           | Not Available   | Commercial ceramic not available |
| 138  | FCT            | 74FCT138T      | 74FCT138TE       | E       | CERPACK   | W      | 16   | CY74FCT138T   |           | Not Available   | Commercial ceramic not available |
| 138  | FCT            | 74FCT138T      | 74FCT138TL       | L       | LCC       | FN     | 16   | CY74FCT138T   |           | Not Available   | LCC package not available        |
| 138  | FCT            | 74FCT138T      | 74FCT138TQ       | Q       | QSOP/SSOP | DBQ    | 16   | CY74FCT138T   |           | CY74FCT138TQCT  |                                  |
| 138  | FCT            | 74FCT138T      | 74FCT138TSO      | SO      | SOIC      | D      | 16   | CY74FCT138T   |           | Not Available   | Use A speed                      |
| 138  | FCT            | 74FCT138T      | 74FCT138ATQ      | Q       | QSOP/SSOP | DBQ    | 16   | CY74FCT138AT  |           | CY74FCT138ATQCT |                                  |
| 138  | FCT            | 74FCT138T      | 74FCT138ATSO     | SO      | SOIC      | D      | 16   | CY74FCT138AT  |           | CY74FCT138ATSOC |                                  |
| 138  | FCT            | 74FCT138T      | 74FCT138CTQ      | Q       | QSOP/SSOP | DBQ    | 16   | CY74FCT138CT  |           | CY74FCT138CTQCT |                                  |
| 138  | FCT            | 74FCT138T      | 74FCT138CTSO     | SO      | SOIC      | D      | 16   | CY74FCT138CT  |           | CY74FCT138CTSOC |                                  |
| 139  | FCT            | 74FCT139T      | 74FCT139TD       | D       | CERDIP    | J      | 16   | Not Available |           |                 |                                  |
| 139  | FCT            | 74FCT139T      | 74FCT139TE       | E       | CERPACK   | W      | 16   | Not Available |           |                 |                                  |
| 139  | FCT            | 74FCT139T      | 74FCT139TL       | L       | LCC       | FN     | 20   | Not Available |           |                 |                                  |
| 139  | FCT            | 74FCT139T      | 74FCT139TQ       | Q       | QSOP/SSOP | DBQ    | 16   | Not Available |           |                 |                                  |
| 139  | FCT            | 74FCT139T      | 74FCT139TSO      | SO      | SOIC      | D      | 16   | Not Available |           |                 |                                  |
| 151  | FCT            | 74FCT151T      | 74FCT151TQ       | Q       | QSOP/SSOP | DBQ    | 16   | Not Available |           |                 |                                  |
| 151  | FCT            | 74FCT151T      | 74FCT151TSO      | SO      | SOIC      | D      | 16   | Not Available |           |                 |                                  |
| 153  | FCT            | QS74FCT153T    | QS74FCT153TQ     | Q       | QSOP/SSOP | DBQ    | 16   | Not Available |           |                 |                                  |
| 153  | FCT            | QS74FCT153T    | QS74FCT153TSO    | SO      | SOIC      | D      | 16   | Not Available |           |                 |                                  |
| 157  | FCT            | 74FCT157T      | 74FCT157TQ       | Q       | QSOP/SSOP | DBQ    | 16   | CY74FCT157T   | A, C      |                 |                                  |
| 157  | FCT            | 74FCT157T      | 74FCT157TSO      | SO      | SOIC      | D      | 16   | CY74FCT157T   | A, C      |                 |                                  |
| 158  | FCT            | QS74FCT158T    | QS74FCT158TQ     | Q       | QSOP/SSOP | DBQ    | 16   | Not Available |           |                 |                                  |
| 158  | FCT            | QS74FCT158T    | QS74FCT158TS1    | S1      | SOIC      | D      | 16   | Not Available |           |                 |                                  |
| 158  | FCT            | QS74FCT158T    | QS74FCT158TSO    | SO      | SOIC      | D      | 16   | Not Available |           |                 |                                  |
| 161  | FCT            | 74FCT161T      | 74FCT161TQ       | Q       | QSOP/SSOP | DBQ    | 16   | Not Available |           |                 |                                  |
| 161  | FCT            | 74FCT161T      | 74FCT161TSO      | SO      | SOIC      | D      | 16   | Not Available |           |                 |                                  |
| 163  | FCT            | 74FCT163T      | 74FCT163TD       | D       | CERDIP    | J      | 16   | CY74FCT163T   | C, X      | Not Available   | Commercial ceramic not available |
| 163  | FCT            | 74FCT163T      | 74FCT163TE       | E       | CERPACK   | W      | 16   | CY74FCT163T   | C, X      | Not Available   | Commercial ceramic not available |
| 163  | FCT            | 74FCT163T      | 74FCT163TL       | L       | LCC       | FN     | 20   | CY74FCT163T   | C, X      | Not Available   | LCC package not available        |
| 163  | FCT            | 74FCT163T      | 74FCT163TQ       | Q       | QSOP/SSOP | DBQ    | 16   | CY74FCT163T   | C, X      | CY74FCT163CTQCT | Substitute C Speed               |
| 163  | FCT            | 74FCT163T      | 74FCT163TSO      | SO      | SOIC      | D      | 16   | CY74FCT163T   | C, X      | CY74FCT163CTSOC | Substitute C Speed               |
| 240  | FCT            | 74FCT240       | 74FCT240SO       | SO      | SOIC      | DW     | 20   | Not Available |           |                 |                                  |
| 240  | FCT            | 74FCT240T      | 74FCT240TD       | D       | CERDIP    | J      | 20   | CY74FCT240T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 240  | FCT            | 74FCT240T      | 74FCT240TE       | E       | CERPACK   | W      | 20   | CY74FCT240T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 240  | FCT            | 74FCT240T      | 74FCT240TL       | L       | LCC       | FN     | 20   | CY74FCT240T   | A, C, X   | Not Available   | LCC package not available        |
| 240  | FCT            | 74FCT240T      | 74FCT240TQ       | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT240T   | A, C, X   |                 |                                  |
| 240  | FCT            | 74FCT240T      | 74FCT240TSO      | SO      | SOIC      | DW     | 20   | CY74FCT240T   | A, C, X   |                 |                                  |
| 244  | ALVC           | 74ALVC244      | 74ALVC244Q       | Q       | QSOP/SSOP | DBQ    | 20   | SN74ALVC244   |           | Not Available   |                                  |
| 244  | ALVC           | 74ALVC244      | 74ALVC244SO      | SO      | SOIC      | DW     | 20   | SN74ALVC244   |           | SN74ALVC244DW   |                                  |
| 244  | ALVC           | 74ALVC244      | 74ALVC244PY      | PY      | SSOP      | DB     | 20   | SN74ALVC244   |           | Not Available   | This Package                     |
| 244  | ALVC           | 74ALVC244      | 74ALVC244PG      | PG      | TSSOP     | PW     | 20   | SN74ALVC244   |           | SN74ALVC244PWR  |                                  |



# IDT - TI Logic Cross-Reference

| Root | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN | FCT Speed  | TI Orderable PN | TI Comments                      |
|------|----------------|----------------|------------------|---------|-----------|--------|------|---------------|------------|-----------------|----------------------------------|
| 244  | FCT            | 74FCT244       | 74FCT244D        | D       | CERDIP    | J      | 20   | Not Available |            |                 |                                  |
| 244  | FCT            | 74FCT244       | 74FCT244E        | E       | CERPACK   | W      | 20   | Not Available |            |                 |                                  |
| 244  | FCT            | 74FCT244       | 74FCT244L        | L       | LCC       | FN     | 20   | Not Available |            |                 |                                  |
| 244  | FCT            | 74FCT244       | 74FCT244SO       | SO      | SOIC      | DW     | 20   | Not Available |            |                 |                                  |
| 244  | FCT            | 74FCT244T      | 74FCT244TD       | D       | CERDIP    | J      | 20   | CY74FCT244T   | A, C, D, X | Not Available   | Commercial ceramic not available |
| 244  | FCT            | 74FCT244T      | 74FCT244TE       | E       | CERPACK   | W      | 20   | CY74FCT244T   | A, C, D, X | Not Available   | Commercial ceramic not available |
| 244  | FCT            | 74FCT244T      | 74FCT244TL       | L       | LCC       | FN     | 20   | CY74FCT244T   | A, C, D, X | Not Available   | LCC package not available        |
| 244  | FCT            | 74FCT244T      | 74FCT244TQ       | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT244T   | A, C, D, X |                 |                                  |
| 244  | FCT            | 74FCT244T      | 74FCT244TSO      | SO      | SOIC      | DW     | 20   | CY74FCT244T   | A, C, D, X |                 |                                  |
| 244  | FCT            | 74FCT244T      | 74FCT244TPY      | PY      | SSOP      | DB     | 20   | CY74FCT244T   | A, C, D, X |                 |                                  |
| 244  | FCT            | 74FCT244T      | 74FCT244TPG      | PG      | TSSOP     | PW     | 20   | CY74FCT244T   | A, C, D, X |                 |                                  |
| 245  | FCT            | 74FCT245       | 74FCT245D        | D       | CERDIP    | J      | 20   | Not Available |            |                 |                                  |
| 245  | FCT            | 74FCT245       | 74FCT245E        | E       | CERPACK   | W      | 20   | Not Available |            |                 |                                  |
| 245  | FCT            | 74FCT245       | 74FCT245L        | L       | LCC       | FN     | 20   | Not Available |            |                 |                                  |
| 245  | FCT            | 74FCT245       | 74FCT245SO       | SO      | SOIC      | DW     | 20   | Not Available |            |                 |                                  |
| 245  | FCT            | 74FCT245T      | 74FCT245TD       | D       | CERDIP    | J      | 20   | CY74FCT245T   | A, C, D, X | Not Available   | Commercial ceramic not available |
| 245  | FCT            | 74FCT245T      | 74FCT245TE       | E       | CERPACK   | W      | 20   | CY74FCT245T   | A, C, D, X | Not Available   | Commercial ceramic not available |
| 245  | FCT            | 74FCT245T      | 74FCT245TL       | L       | LCC       | FN     | 20   | CY74FCT245T   | A, C, D, X | Not Available   | LCC package not available        |
| 245  | FCT            | 74FCT245T      | 74FCT245TQ       | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT245T   | A, C, D, X |                 |                                  |
| 245  | FCT            | 74FCT245T      | 74FCT245TSO      | SO      | SOIC      | DW     | 20   | CY74FCT245T   | A, C, D, X |                 |                                  |
| 245  | FCT            | 74FCT245T      | 74FCT245TPY      | PY      | SSOP      | DB     | 20   | CY74FCT245T   | A, C, D, X |                 |                                  |
| 245  | FCT            | 74FCT245T      | 74FCT245TPG      | PG      | TSSOP     | PW     | 20   | CY74FCT245T   | A, C, D, X |                 |                                  |
| 251  | FCT            | QS74FCT251AT   | QS74FCT251ATQ    | Q       | QSOP/SSOP | DBQ    | 16   | Not Available |            |                 |                                  |
| 251  | FCT            | QS74FCT251AT   | QS74FCT251ATSO   | SO      | SOIC      | D      | 16   | Not Available |            |                 |                                  |
| 253  | FCT            | QS74FCT253AT   | QS74FCT253ATQ    | Q       | QSOP/SSOP | DBQ    | 16   | Not Available |            |                 |                                  |
| 253  | FCT            | QS74FCT253AT   | QS74FCT253ATS1   | S1      | SOIC      | D      | 16   | Not Available |            |                 |                                  |
| 253  | FCT            | QS74FCT253AT   | QS74FCT253ATSO   | SO      | SOIC      | D      | 16   | Not Available |            |                 |                                  |
| 257  | FCT            | 74FCT257T      | 74FCT257TD       | D       | CERDIP    | J      | 16   | CY74FCT257T   | A, C, X    | Not Available   | Commercial ceramic not available |
| 257  | FCT            | 74FCT257T      | 74FCT257TE       | E       | CERPACK   | W      | 16   | CY74FCT257T   | A, C, X    | Not Available   | Commercial ceramic not available |
| 257  | FCT            | 74FCT257T      | 74FCT257TL       | L       | LCC       | FN     | 20   | CY74FCT257T   | A, C, X    | Not Available   | LCC package not available        |
| 257  | FCT            | 74FCT257T      | 74FCT257TQ       | Q       | QSOP/SSOP | DBQ    | 16   | CY74FCT257T   | A, C, X    |                 |                                  |
| 257  | FCT            | 74FCT257T      | 74FCT257TSO      | SO      | SOIC      | D      | 16   | CY74FCT257T   | A, C, X    |                 |                                  |
| 273  | FCT            | 74FCT273T      | 74FCT273TD       | D       | CERDIP    | J      | 20   | CY74FCT273T   | A, C, X    | Not Available   | Commercial ceramic not available |
| 273  | FCT            | 74FCT273T      | 74FCT273TE       | E       | CERPACK   | W      | 20   | CY74FCT273T   | A, C, X    | Not Available   | Commercial ceramic not available |
| 273  | FCT            | 74FCT273T      | 74FCT273TL       | L       | LCC       | FN     | 20   | CY74FCT273T   | A, C, X    | Not Available   | LCC package not available        |
| 273  | FCT            | 74FCT273T      | 74FCT273TQ       | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT273T   | A, C, X    |                 |                                  |
| 273  | FCT            | 74FCT273T      | 74FCT273TSO      | SO      | SOIC      | DW     | 20   | CY74FCT273T   | A, C, X    |                 |                                  |
| 273  | FCT            | 74FCT273T      | 74FCT273TPY      | PY      | SSOP      | DB     | 20   | CY74FCT273T   | A, C, X    |                 |                                  |
| 299  | FCT            | 74FCT299       | 74FCT299SO       | SO      | SOIC      | DW     | 20   | Not Available |            |                 |                                  |
| 299  | FCT            | 74FCT299T      | 74FCT299TD       | D       | CERDIP    | J      | 20   | Not Available |            |                 |                                  |
| 299  | FCT            | 74FCT299T      | 74FCT299TE       | E       | CERPACK   | W      | 20   | Not Available |            |                 |                                  |
| 299  | FCT            | 74FCT299T      | 74FCT299TL       | L       | LCC       | FN     | 20   | Not Available |            |                 |                                  |
| 299  | FCT            | 74FCT299T      | 74FCT299TQ       | Q       | QSOP/SSOP | DBQ    | 20   | Not Available |            |                 |                                  |
| 299  | FCT            | 74FCT299T      | 74FCT299TSO      | SO      | SOIC      | DW     | 20   | Not Available |            |                 |                                  |
| 373  | FCT            | 74FCT373       | 74FCT373SO       | SO      | SOIC      | DW     | 20   | Not Available |            |                 |                                  |
| 373  | FCT            | 74FCT373T      | 74FCT373TD       | D       | CERDIP    | J      | 20   | CY74FCT373T   | A, C, X    | Not Available   | Commercial ceramic not available |
| 373  | FCT            | 74FCT373T      | 74FCT373TE       | E       | CERPACK   | W      | 20   | CY74FCT373T   | A, C, X    | Not Available   | Commercial ceramic not available |
| 373  | FCT            | 74FCT373T      | 74FCT373TL       | L       | LCC       | FN     | 20   | CY74FCT373T   | A, C, X    | Not Available   | LCC package not available        |
| 373  | FCT            | 74FCT373T      | 74FCT373TQ       | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT373T   | A, C, X    |                 |                                  |
| 373  | FCT            | 74FCT373T      | 74FCT373TSO      | SO      | SOIC      | DW     | 20   | CY74FCT373T   | A, C, X    |                 |                                  |
| 373  | FCT            | 74FCT373T      | 74FCT373TPY      | PY      | SSOP      | DB     | 20   | CY74FCT373T   | A, C, X    |                 |                                  |
| 373  | FCT            | 74FCT373T      | 74FCT373TPG      | PG      | TSSOP     | PW     | 20   | CY74FCT373T   | A, C, X    |                 |                                  |



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| Root | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN | FCT Speed | TI Orderable PN | TI Comments                      |
|------|----------------|----------------|------------------|---------|-----------|--------|------|---------------|-----------|-----------------|----------------------------------|
| 374  | FCT            | 74FCT374       | 74FCT374D        | D       | CERDIP    | J      | 20   | Not Available |           |                 |                                  |
| 374  | FCT            | 74FCT374       | 74FCT374E        | E       | CERPACK   | W      | 20   | Not Available |           |                 |                                  |
| 374  | FCT            | 74FCT374       | 74FCT374L        | L       | LCC       | FN     | 20   | Not Available |           |                 |                                  |
| 374  | FCT            | 74FCT374       | 74FCT374SO       | SO      | SOIC      | DW     | 20   | Not Available |           |                 |                                  |
| 374  | FCT            | 74FCT374T      | 74FCT374TD       | D       | CERDIP    | J      | 20   | CY74FCT374T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 374  | FCT            | 74FCT374T      | 74FCT374TE       | E       | CERPACK   | W      | 20   | CY74FCT374T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 374  | FCT            | 74FCT374T      | 74FCT374TL       | L       | LCC       | FN     | 20   | CY74FCT374T   | A, C, X   | Not Available   | LCC package not available        |
| 374  | FCT            | 74FCT374T      | 74FCT374TQ       | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT374T   | A, C, X   |                 |                                  |
| 374  | FCT            | 74FCT374T      | 74FCT374TSO      | SO      | SOIC      | DW     | 20   | CY74FCT374T   | A, C, X   |                 |                                  |
| 374  | FCT            | 74FCT374T      | 74FCT374TPY      | PY      | SSOP      | DB     | 20   | CY74FCT374T   | A, C, X   |                 |                                  |
| 374  | FCT            | 74FCT374T      | 74FCT374TPG      | PG      | TSSOP     | PW     | 20   | CY74FCT374T   | A, C, X   |                 |                                  |
| 377  | FCT            | 74FCT377T      | 74FCT377TD       | D       | CERDIP    | J      | 20   | CY74FCT377T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 377  | FCT            | 74FCT377T      | 74FCT377TE       | E       | CERPACK   | W      | 20   | CY74FCT377T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 377  | FCT            | 74FCT377T      | 74FCT377TL       | L       | LCC       | FN     | 20   | CY74FCT377T   | A, C, X   | Not Available   | LCC package not available        |
| 377  | FCT            | 74FCT377T      | 74FCT377TQ       | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT377T   | A, C, X   |                 |                                  |
| 377  | FCT            | 74FCT377T      | 74FCT377TSO      | SO      | SOIC      | DW     | 20   | CY74FCT377T   | A, C, X   |                 |                                  |
| 377  | FCT            | 74FCT377T      | 74FCT377TPY      | PY      | SSOP      | DB     | 20   | CY74FCT377T   | A, C, X   |                 |                                  |
| 377  | FCT            | 74FCT377T      | 74FCT377TPG      | PG      | TSSOP     | PW     | 20   | CY74FCT377T   | A, C, X   |                 |                                  |
| 520  | FCT            | 29FCT520T      | 29FCT520TQ       | Q       | QSOP/SSOP | DBQ    | 24   | CY29FCT520T   | A, B, C   |                 |                                  |
| 520  | FCT            | 29FCT520T      | 29FCT520TSO      | SO      | SOIC      | DW     | 24   | CY29FCT520T   | A, B, C   |                 |                                  |
| 520  | FCT            | 29FCT520T      | 29FCT520TPY      | PY      | SSOP      | DB     | 24   | CY29FCT520T   | A, B, C   |                 |                                  |
| 521  | FCT            | 74FCT521       | 74FCT521D        | D       | CERDIP    | J      | 20   | Not Available |           |                 |                                  |
| 521  | FCT            | 74FCT521       | 74FCT521E        | E       | CERPACK   | W      | 20   | Not Available |           |                 |                                  |
| 521  | FCT            | 74FCT521       | 74FCT521L        | L       | LCC       | FN     | 20   | Not Available |           |                 |                                  |
| 521  | FCT            | 74FCT521       | 74FCT521SO       | SO      | SOIC      | DW     | 20   | Not Available |           |                 |                                  |
| 521  | FCT            | 74FCT521T      | 74FCT521TD       | D       | CERDIP    | J      | 20   | Not Available |           |                 |                                  |
| 521  | FCT            | 74FCT521T      | 74FCT521TE       | E       | CERPACK   | W      | 20   | Not Available |           |                 |                                  |
| 521  | FCT            | 74FCT521T      | 74FCT521TL       | L       | LCC       | FN     | 20   | Not Available |           |                 |                                  |
| 521  | FCT            | 74FCT521T      | 74FCT521TQ       | Q       | QSOP/SSOP | DBQ    | 20   | Not Available |           |                 |                                  |
| 521  | FCT            | 74FCT521T      | 74FCT521TSO      | SO      | SOIC      | DW     | 20   | Not Available |           |                 |                                  |
| 521  | FCT            | 74FCT521T      | 74FCT521TPY      | PY      | SSOP      | DB     | 20   | Not Available |           |                 |                                  |
| 534  | FCT            | 74FCT534T      | 74FCT534TQ       | Q       | QSOP/SSOP | DBQ    | 20   | Not Available |           |                 |                                  |
| 534  | FCT            | 74FCT534T      | 74FCT534TSO      | SO      | SOIC      | DW     | 20   | Not Available |           |                 |                                  |
| 540  | FCT            | 74FCT540T      | 74FCT540TQ       | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT540T   | C         |                 |                                  |
| 540  | FCT            | 74FCT540T      | 74FCT540TSO      | SO      | SOIC      | DW     | 20   | CY74FCT540T   | C         |                 |                                  |
| 540  | FCT            | 74FCT540T      | 74FCT540TPY      | PY      | SSOP      | DB     | 20   | CY74FCT540T   | C         |                 |                                  |
| 541  | FCT            | 74FCT541       | 74FCT541D        | D       | CERDIP    | J      | 20   | Not Available |           |                 |                                  |
| 541  | FCT            | 74FCT541       | 74FCT541E        | E       | CERPACK   | W      | 20   | Not Available |           |                 |                                  |
| 541  | FCT            | 74FCT541       | 74FCT541L        | L       | LCC       | FN     | 20   | Not Available |           |                 |                                  |
| 541  | FCT            | 74FCT541       | 74FCT541SO       | SO      | SOIC      | DW     | 20   | Not Available |           |                 |                                  |
| 541  | FCT            | 74FCT541T      | 74FCT541TD       | D       | CERDIP    | J      | 20   | CY74FCT541T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 541  | FCT            | 74FCT541T      | 74FCT541TE       | E       | CERPACK   | W      | 20   | CY74FCT541T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 541  | FCT            | 74FCT541T      | 74FCT541TL       | L       | LCC       | FN     | 20   | CY74FCT541T   | A, C, X   | Not Available   | LCC package not available        |
| 541  | FCT            | 74FCT541T      | 74FCT541TQ       | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT541T   | A, C, X   |                 |                                  |
| 541  | FCT            | 74FCT541T      | 74FCT541TSO      | SO      | SOIC      | DW     | 20   | CY74FCT541T   | A, C, X   |                 |                                  |
| 541  | FCT            | 74FCT541T      | 74FCT541TPY      | PY      | SSOP      | DB     | 20   | CY74FCT541T   | A, C, X   |                 |                                  |
| 541  | FCT            | 74FCT541T      | 74FCT541TPG      | PG      | TSSOP     | PW     | 20   | CY74FCT541T   | A, C, X   |                 |                                  |
| 543  | FCT            | 74FCT543       | 74FCT543D        | D       | CERDIP    | J      | 24   | Not Available |           |                 |                                  |
| 543  | FCT            | 74FCT543       | 74FCT543E        | E       | CERPACK   | W      | 24   | Not Available |           |                 |                                  |
| 543  | FCT            | 74FCT543       | 74FCT543L        | L       | LCC       | FN     | 28   | Not Available |           |                 |                                  |
| 543  | FCT            | 74FCT543       | 74FCT543SO       | SO      | SOIC      | DW     | 24   | Not Available |           |                 |                                  |
| 543  | FCT            | 74FCT543T      | 74FCT543TD       | D       | CERDIP    | J      | 24   | CY74FCT543T   | A, C, X   | Not Available   | Commercial ceramic not available |



## IDT - TI Logic Cross-Reference

| Root | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN | FCT Speed | TI Orderable PN | TI Comments                      |
|------|----------------|----------------|------------------|---------|-----------|--------|------|---------------|-----------|-----------------|----------------------------------|
| 543  | FCT            | 74FCT543T      | 74FCT543TE       | E       | CERPACK   | W      | 24   | CY74FCT543T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 543  | FCT            | 74FCT543T      | 74FCT543TL       | L       | LCC       | FN     | 28   | CY74FCT543T   | A, C, X   | Not Available   | LCC package not available        |
| 543  | FCT            | 74FCT543T      | 74FCT543TQ       | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT543T   | A, C, X   |                 |                                  |
| 543  | FCT            | 74FCT543T      | 74FCT543TSO      | SO      | SOIC      | DW     | 24   | CY74FCT543T   | A, C, X   |                 |                                  |
| 543  | FCT            | 74FCT543T      | 74FCT543TPY      | PY      | SSOP      | DB     | 24   | CY74FCT543T   | A, C, X   |                 |                                  |
| 573  | FCT            | 74FCT573       | 74FCT573SO       | SO      | SOIC      | DW     | 20   | Not Available |           |                 |                                  |
| 573  | FCT            | 74FCT573T      | 74FCT573TD       | D       | CERDIP    | J      | 20   | CY74FCT573T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 573  | FCT            | 74FCT573T      | 74FCT573TE       | E       | CERPACK   | W      | 20   | CY74FCT573T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 573  | FCT            | 74FCT573T      | 74FCT573TL       | L       | LCC       | FN     | 20   | CY74FCT573T   | A, C, X   | Not Available   | LCC package not available        |
| 573  | FCT            | 74FCT573T      | 74FCT573TQ       | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT573T   | A, C, X   |                 |                                  |
| 573  | FCT            | 74FCT573T      | 74FCT573TSO      | SO      | SOIC      | DW     | 20   | CY74FCT573T   | A, C, X   |                 |                                  |
| 573  | FCT            | 74FCT573T      | 74FCT573TPY      | PY      | SSOP      | DB     | 20   | CY74FCT573T   | A, C, X   |                 |                                  |
| 573  | FCT            | 74FCT573T      | 74FCT573TPG      | PG      | TSSOP     | PW     | 20   | CY74FCT573T   | A, C, X   |                 |                                  |
| 574  | FCT            | 74FCT574       | 74FCT574D        | D       | CERDIP    | J      | 20   | Not Available |           |                 |                                  |
| 574  | FCT            | 74FCT574       | 74FCT574E        | E       | CERPACK   | W      | 20   | Not Available |           |                 |                                  |
| 574  | FCT            | 74FCT574       | 74FCT574L        | L       | LCC       | FN     | 20   | Not Available |           |                 |                                  |
| 574  | FCT            | 74FCT574       | 74FCT574SO       | SO      | SOIC      | DW     | 20   | Not Available |           |                 |                                  |
| 574  | FCT            | 74FCT574T      | 74FCT574TD       | D       | CERDIP    | J      | 20   | CY74FCT574T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 574  | FCT            | 74FCT574T      | 74FCT574TE       | E       | CERPACK   | W      | 20   | CY74FCT574T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 574  | FCT            | 74FCT574T      | 74FCT574TL       | L       | LCC       | FN     | 20   | CY74FCT574T   | A, C, X   | Not Available   | LCC package not available        |
| 574  | FCT            | 74FCT574T      | 74FCT574TQ       | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT574T   | A, C, X   |                 |                                  |
| 574  | FCT            | 74FCT574T      | 74FCT574TSO      | SO      | SOIC      | DW     | 20   | CY74FCT574T   | A, C, X   |                 |                                  |
| 574  | FCT            | 74FCT574T      | 74FCT574TPY      | PY      | SSOP      | DB     | 20   | CY74FCT574T   | A, C, X   |                 |                                  |
| 574  | FCT            | 74FCT574T      | 74FCT574TPG      | PG      | TSSOP     | PW     | 20   | CY74FCT574T   | A, C, X   |                 |                                  |
| 621  | FCT            | 74FCT621T      | 74FCT621TSO      | SO      | SOIC      | DW     | 20   | Not Available |           |                 |                                  |
| 646  | FCT            | 74FCT646T      | 74FCT646TD       | D       | CERDIP    | J      | 24   | CY74FCT646T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 646  | FCT            | 74FCT646T      | 74FCT646TE       | E       | CERPACK   | W      | 24   | CY74FCT646T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 646  | FCT            | 74FCT646T      | 74FCT646TL       | L       | LCC       | FN     | 28   | CY74FCT646T   | A, C, X   | Not Available   | LCC package not available        |
| 646  | FCT            | 74FCT646T      | 74FCT646TQ       | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT646T   | A, C, X   |                 |                                  |
| 646  | FCT            | 74FCT646T      | 74FCT646TSO      | SO      | SOIC      | DW     | 24   | CY74FCT646T   | A, C, X   |                 |                                  |
| 646  | FCT            | 74FCT646T      | 74FCT646TPY      | PY      | SSOP      | DB     | 24   | CY74FCT646T   | A, C, X   |                 |                                  |
| 646  | FCT            | 74FCT646T      | 74FCT646TPG      | PG      | TSSOP     | PW     | 24   | CY74FCT646T   | A, C, X   |                 |                                  |
| 648  | FCT            | 74FCT648T      | 74FCT648TD       | D       | CERDIP    | J      | 24   | Not Available |           |                 |                                  |
| 648  | FCT            | 74FCT648T      | 74FCT648TE       | E       | CERPACK   | W      | 24   | Not Available |           |                 |                                  |
| 648  | FCT            | 74FCT648T      | 74FCT648TL       | L       | LCC       | FN     | 28   | Not Available |           |                 |                                  |
| 648  | FCT            | 74FCT648T      | 74FCT648TQ       | Q       | QSOP/SSOP | DBQ    | 24   | Not Available |           |                 |                                  |
| 648  | FCT            | 74FCT648T      | 74FCT648TSO      | SO      | SOIC      | DW     | 24   | Not Available |           |                 |                                  |
| 652  | FCT            | 74FCT652T      | 74FCT652TD       | D       | CERDIP    | J      | 24   | CY74FCT652T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 652  | FCT            | 74FCT652T      | 74FCT652TE       | E       | CERPACK   | W      | 24   | CY74FCT652T   | A, C, X   | Not Available   | Commercial ceramic not available |
| 652  | FCT            | 74FCT652T      | 74FCT652TL       | L       | LCC       | FN     | 28   | CY74FCT652T   | A, C, X   | Not Available   | LCC package not available        |
| 652  | FCT            | 74FCT652T      | 74FCT652TQ       | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT652T   | A, C, X   |                 |                                  |
| 652  | FCT            | 74FCT652T      | 74FCT652TSO      | SO      | SOIC      | DW     | 24   | CY74FCT652T   | A, C, X   |                 |                                  |
| 652  | FCT            | 74FCT652T      | 74FCT652TPY      | PY      | SSOP      | DB     | 24   | CY74FCT652T   | A, C, X   |                 |                                  |
| 821  | FCT            | 74FCT821       | 74FCT821D        | D       | CERDIP    | J      | 24   | Not Available |           |                 |                                  |
| 821  | FCT            | 74FCT821       | 74FCT821E        | E       | CERPACK   | W      | 24   | Not Available |           |                 |                                  |
| 821  | FCT            | 74FCT821       | 74FCT821L        | L       | LCC       | FN     | 28   | Not Available |           |                 |                                  |
| 821  | FCT            | 74FCT821       | 74FCT821SO       | SO      | SOIC      | DW     | 24   | Not Available |           |                 |                                  |
| 821  | FCT            | 74FCT821T      | 74FCT821TD       | D       | CERDIP    | J      | 24   | CY74FCT821T   | A, B, C   | Not Available   | Commercial ceramic not available |
| 821  | FCT            | 74FCT821T      | 74FCT821TE       | E       | CERPACK   | W      | 24   | CY74FCT821T   | A, B, C   | Not Available   | Commercial ceramic not available |
| 821  | FCT            | 74FCT821T      | 74FCT821TL       | L       | LCC       | FN     | 28   | CY74FCT821T   | A, B, C   | Not Available   | LCC package not available        |
| 821  | FCT            | 74FCT821T      | 74FCT821TQ       | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT821T   | A, B, C   |                 |                                  |
| 821  | FCT            | 74FCT821T      | 74FCT821TSO      | SO      | SOIC      | DW     | 24   | CY74FCT821T   | A, B, C   |                 |                                  |

| Root | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN | FCT Speed | TI Orderable PN | TI Comments                      |
|------|----------------|----------------|------------------|---------|-----------|--------|------|---------------|-----------|-----------------|----------------------------------|
| 821  | FCT            | 74FCT821T      | 74FCT821TPY      | PY      | SSOP      | DB     | 24   | CY74FCT821T   | A, B, C   |                 |                                  |
| 823  | FCT            | 74FCT823       | 74FCT823D        | D       | CERDIP    | J      | 24   | Not Available |           |                 |                                  |
| 823  | FCT            | 74FCT823       | 74FCT823E        | E       | CERPACK   | W      | 24   | Not Available |           |                 |                                  |
| 823  | FCT            | 74FCT823       | 74FCT823L        | L       | LCC       | FN     | 28   | Not Available |           |                 |                                  |
| 823  | FCT            | 74FCT823       | 74FCT823SO       | SO      | SOIC      | DW     | 24   | Not Available |           |                 |                                  |
| 823  | FCT            | 74FCT823T      | 74FCT823TQ       | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT823T   | A, B, C   |                 |                                  |
| 823  | FCT            | 74FCT823T      | 74FCT823TSO      | SO      | SOIC      | DW     | 24   | CY74FCT823T   | A, B, C   |                 |                                  |
| 823  | FCT            | 74FCT823T      | 74FCT823TPY      | PY      | SSOP      | DB     | 24   | CY74FCT823T   | A, B, C   |                 |                                  |
| 827  | FCT            | 74FCT827       | 74FCT827D        | D       | CERDIP    | J      | 24   | Not Available |           |                 |                                  |
| 827  | FCT            | 74FCT827       | 74FCT827E        | E       | CERPACK   | W      | 24   | Not Available |           |                 |                                  |
| 827  | FCT            | 74FCT827       | 74FCT827L        | L       | LCC       | FN     | 28   | Not Available |           |                 |                                  |
| 827  | FCT            | 74FCT827       | 74FCT827SO       | SO      | SOIC      | DW     | 24   | Not Available |           |                 |                                  |
| 827  | FCT            | 74FCT827T      | 74FCT827TD       | D       | CERDIP    | J      | 24   | CY74FCT827T   | A, C      | Not Available   | Commercial ceramic not available |
| 827  | FCT            | 74FCT827T      | 74FCT827TE       | E       | CERPACK   | W      | 24   | CY74FCT827T   | A, C      | Not Available   | Commercial ceramic not available |
| 827  | FCT            | 74FCT827T      | 74FCT827TL       | L       | LCC       | FN     | 28   | CY74FCT827T   | A, C      | Not Available   | LCC package not available        |
| 827  | FCT            | 74FCT827T      | 74FCT827TQ       | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT827T   | A, C      |                 |                                  |
| 827  | FCT            | 74FCT827T      | 74FCT827TSO      | SO      | SOIC      | DW     | 24   | CY74FCT827T   | A, C      |                 |                                  |
| 827  | FCT            | 74FCT827T      | 74FCT827TPY      | PY      | SSOP      | DB     | 24   | CY74FCT827T   | A, C      |                 |                                  |
| 827  | FCT            | 74FCT827T      | 74FCT827TPG      | PG      | TSSOP     | PW     | 24   | CY74FCT827T   | A, C      |                 |                                  |
| 833  | FCT            | 74FCT833       | 74FCT833SO       | SO      | SOIC      | DW     | 24   | Not Available |           |                 |                                  |
| 841  | FCT            | 74FCT841       | 74FCT841SO       | SO      | SOIC      | DW     | 24   | Not Available |           |                 |                                  |
| 841  | FCT            | 74FCT841T      | 74FCT841TQ       | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT841T   | A, B, C   |                 |                                  |
| 841  | FCT            | 74FCT841T      | 74FCT841TSO      | SO      | SOIC      | DW     | 24   | CY74FCT841T   | A, B, C   | CY74FCT841ATSOC | Substitute A speed               |
| 841  | FCT            | 74FCT841T      | 74FCT841TPY      | PY      | SSOP      | DB     | 24   | CY74FCT841T   | A, B, C   |                 |                                  |
| 863  | FCT            | 74FCT863       | 74FCT863SO       | SO      | SOIC      | DW     | 24   | Not Available |           |                 |                                  |
| 2052 | FCT            | QS29FCT2052T   | QS29FCT2052TQ    | Q       | QSOP/SSOP | DBQ    | 24   | Not Available |           |                 |                                  |
| 2052 | FCT            | QS29FCT2052T   | QS29FCT2052TSO   | SO      | SOIC      | DW     | 24   | Not Available |           |                 |                                  |
| 2157 | FCT            | QS74FCT2157T   | QS74FCT2157TQ    | Q       | QSOP/SSOP | DBQ    | 16   | Not Available |           |                 |                                  |
| 2157 | FCT            | QS74FCT2157T   | QS74FCT2157TS1   | S1      | SOIC      | D      | 16   | Not Available |           |                 |                                  |
| 2240 | FCT            | QS74FCT2240T   | QS74FCT2240TQ    | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT2240T  | A, C, X   |                 |                                  |
| 2240 | FCT            | QS74FCT2240T   | QS74FCT2240TSO   | SO      | SOIC      | DW     | 20   | CY74FCT2240T  | A, C, X   |                 |                                  |
| 2244 | FCT            | QS74FCT2244T   | QS74FCT2244TQ    | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT2244T  | A, C, X   |                 |                                  |
| 2244 | FCT            | QS74FCT2244T   | QS74FCT2244TSO   | SO      | SOIC      | DW     | 20   | CY74FCT2244T  | A, C, X   |                 |                                  |
| 2245 | FCT            | QS74FCT2245T   | QS74FCT2245TQ    | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT2245T  | A, C, X   |                 |                                  |
| 2245 | FCT            | QS74FCT2245T   | QS74FCT2245TSO   | SO      | SOIC      | DW     | 20   | CY74FCT2245T  | A, C, X   |                 |                                  |
| 2257 | FCT            | QS74FCT2257T   | QS74FCT2257TQ    | Q       | QSOP/SSOP | DBQ    | 16   | CY74FCT2257T  | A, C      |                 |                                  |
| 2257 | FCT            | QS74FCT2257T   | QS74FCT2257TS1   | S1      | SOIC      | D      | 16   | CY74FCT2257T  | A, C      | Not Available   |                                  |
| 2257 | FCT            | QS74FCT2257T   | QS74FCT2257TSO   | SO      | SOIC      | D      | 16   | CY74FCT2257T  | A, C      |                 |                                  |
| 2373 | FCT            | QS74FCT2373T   | QS74FCT2373TQ    | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT2373T  | A, C, X   |                 |                                  |
| 2373 | FCT            | QS74FCT2373T   | QS74FCT2373TSO   | SO      | SOIC      | DW     | 20   | CY74FCT2373T  | A, C, X   |                 |                                  |
| 2374 | FCT            | QS74FCT2374T   | QS74FCT2374TQ    | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT2374T  | A, C, X   |                 |                                  |
| 2374 | FCT            | QS74FCT2374T   | QS74FCT2374TSO   | SO      | SOIC      | DW     | 20   | CY74FCT2374T  | A, C, X   |                 |                                  |
| 2541 | FCT            | QS74FCT2541T   | QS74FCT2541TQ    | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT2541T  | A, C, X   |                 |                                  |
| 2541 | FCT            | QS74FCT2541T   | QS74FCT2541TSO   | SO      | SOIC      | DW     | 20   | CY74FCT2541T  | A, C, X   |                 |                                  |
| 2543 | FCT            | QS74FCT2543T   | QS74FCT2543TQ    | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT2543T  | A, C, X   |                 |                                  |
| 2543 | FCT            | QS74FCT2543T   | QS74FCT2543TSO   | SO      | SOIC      | DW     | 24   | CY74FCT2543T  | A, C, X   |                 |                                  |
| 2573 | FCT            | QS74FCT2573T   | QS74FCT2573TQ    | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT2573T  | A, C, X   |                 |                                  |
| 2573 | FCT            | QS74FCT2573T   | QS74FCT2573TSO   | SO      | SOIC      | DW     | 20   | CY74FCT2573T  | A, C, X   |                 |                                  |
| 2574 | FCT            | QS74FCT2574T   | QS74FCT2574TQ    | Q       | QSOP/SSOP | DBQ    | 20   | CY74FCT2574T  | A, C, X   |                 |                                  |
| 2574 | FCT            | QS74FCT2574T   | QS74FCT2574TSO   | SO      | SOIC      | DW     | 20   | CY74FCT2574T  | A, C, X   |                 |                                  |
| 2646 | FCT            | QS74FCT2646T   | QS74FCT2646TQ    | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT2646T  | A, C      |                 |                                  |
| 2646 | FCT            | QS74FCT2646T   | QS74FCT2646TSO   | SO      | SOIC      | DW     | 24   | CY74FCT2646T  | A, C      |                 |                                  |


**TEXAS INSTRUMENTS** IDT - TI Logic Cross-Reference

| Root  | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN  | FCT Speed | TI Orderable PN    | TI Comments                             |
|-------|----------------|----------------|------------------|---------|-----------|--------|------|----------------|-----------|--------------------|---|
| 2652  | FCT            | 74FCT2652T     | 74FCT2652TQ      | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT2652T   | A, C      |                    |   |
| 2652  | FCT            | 74FCT2652T     | 74FCT2652TSO     | SO      | SOIC      | DW     | 24   | CY74FCT2652T   | A, C      |                    |   |
| 2652  | FCT            | QS74FCT2652T   | QS74FCT2652TQ    | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT2652T   | A, C      |                    |   |
| 2652  | FCT            | QS74FCT2652T   | QS74FCT2652TSO   | SO      | SOIC      | DW     | 24   | CY74FCT2652T   | A, C      |                    |   |
| 2821  | FCT            | QS74FCT2821T   | QS74FCT2821TQ    | Q       | QSOP/SSOP | DBQ    | 24   | Not Available  |           |                    |   |
| 2821  | FCT            | QS74FCT2821T   | QS74FCT2821TSO   | SO      | SOIC      | DW     | 24   | Not Available  |           |                    |   |
| 2823  | FCT            | QS74FCT2823T   | QS74FCT2823TQ    | Q       | QSOP/SSOP | DBQ    | 24   | Not Available  |           |                    |   |
| 2823  | FCT            | QS74FCT2823T   | QS74FCT2823TSO   | SO      | SOIC      | DW     | 24   | Not Available  |           |                    |   |
| 2827  | FCT            | 74FCT2827T     | 74FCT2827TQ      | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT2827T   | C         |                    |   |
| 2827  | FCT            | 74FCT2827T     | 74FCT2827TSO     | SO      | SOIC      | DW     | 24   | CY74FCT2827T   | C         |                    |   |
| 2827  | FCT            | 74FCT2827T     | 74FCT2827TPG     | PG      | TSSOP     | PW     | 24   | CY74FCT2827T   | C         |                    |   |
| 2827  | FCT            | QS74FCT2827T   | QS74FCT2827TQ    | Q       | QSOP/SSOP | DBQ    | 24   | CY74FCT2827T   | C         |                    |   |
| 2827  | FCT            | QS74FCT2827T   | QS74FCT2827TSO   | SO      | SOIC      | DW     | 24   | CY74FCT2827T   | C         |                    |   |
| 2828  | FCT            | QS74FCT2828T   | QS74FCT2828TQ    | Q       | QSOP/SSOP | DBQ    | 24   | Not Available  |           |                    |   |
| 2828  | FCT            | QS74FCT2828T   | QS74FCT2828TSO   | SO      | SOIC      | DW     | 24   | Not Available  |           |                    |   |
| 2841  | FCT            | QS74FCT2841T   | QS74FCT2841TQ    | Q       | QSOP/SSOP | DBQ    | 24   | Not Available  |           |                    |   |
| 2841  | FCT            | QS74FCT2841T   | QS74FCT2841TSO   | SO      | SOIC      | DW     | 24   | Not Available  |           |                    |   |
| 3244  | FCT            | 74FCT3244      | 74FCT3244Q       | Q       | QSOP/SSOP | DBQ    | 20   | Not Available  |           |                    |   |
| 3244  | FCT            | 74FCT3244      | 74FCT3244SO      | SO      | SOIC      | DW     | 20   | Not Available  |           |                    |   |
| 3244  | FCT            | 74FCT3244      | 74FCT3244PY      | PY      | SSOP      | DB     | 20   | Not Available  |           |                    |   |
| 3244  | FCT            | 74FCT3244      | 74FCT3244PG      | PG      | TSSOP     | PW     | 20   | Not Available  |           |                    |   |
| 3245  | FCT            | 74FCT3245      | 74FCT3245Q       | Q       | QSOP/SSOP | DBQ    | 20   | Not Available  |           |                    |   |
| 3245  | FCT            | 74FCT3245      | 74FCT3245SO      | SO      | SOIC      | DW     | 20   | Not Available  |           |                    |   |
| 3245  | FCT            | 74FCT3245      | 74FCT3245PY      | PY      | SSOP      | DB     | 20   | Not Available  |           |                    |   |
| 3245  | FCT            | 74FCT3245      | 74FCT3245PG      | PG      | TSSOP     | PW     | 20   | Not Available  |           |                    |   |
| 3573  | FCT            | 74FCT3573      | 74FCT3573Q       | Q       | QSOP/SSOP | DBQ    | 20   | Not Available  |           |                    |   |
| 3573  | FCT            | 74FCT3573      | 74FCT3573SO      | SO      | SOIC      | DW     | 20   | Not Available  |           |                    |   |
| 3573  | FCT            | 74FCT3573      | 74FCT3573PG      | PG      | TSSOP     | PW     | 20   | Not Available  |           |                    |   |
| 3574  | FCT            | 74FCT3574      | 74FCT3574Q       | Q       | QSOP/SSOP | DBQ    | 20   | Not Available  |           |                    |   |
| 3574  | FCT            | 74FCT3574      | 74FCT3574SO      | SO      | SOIC      | DW     | 20   | Not Available  |           |                    |   |
| 3574  | FCT            | 74FCT3574      | 74FCT3574PG      | PG      | TSSOP     | PW     | 20   | Not Available  |           |                    |   |
| 3827  | FCT            | 74FCT3827      | 74FCT3827Q       | Q       | QSOP/SSOP | DBQ    | 24   | Not Available  |           |                    |   |
| 3827  | FCT            | 74FCT3827      | 74FCT3827SO      | SO      | SOIC      | DW     | 24   | Not Available  |           |                    |   |
| 16240 | ALVC           | 74ALVCH16240   | 74ALVCH16240PV   | PV      | SSOP      | DL     | 48   | SN74ALVCH16240 |           | SN74ALVCH16240DL   |   |
| 16240 | ALVC           | 74ALVCH16240   | 74ALVCH16240PA   | PA      | TSSOP     | DGG    | 48   | SN74ALVCH16240 |           | SN74ALVCH16240DGGR |   |
| 16240 | ALVC           | 74ALVCH16240   | 74ALVCH16240PF   | PF      | TVSOP     | DGV    | 48   | SN74ALVCH16240 |           | Not Available      | This Package                            |
| 16240 | FCT            | 74FCT16240T    | 74FCT16240TE     | E       | CERPACK   | WD     | 48   | CY74FCT16240T  | A         | Not Available      | Commercial ceramic not available        |
| 16240 | FCT            | 74FCT16240T    | 74FCT16240TPV    | PV      | SSOP      | DL     | 48   | CY74FCT16240T  | A         |                    |   |
| 16240 | FCT            | 74FCT16240T    | 74FCT16240TPA    | PA      | TSSOP     | DGG    | 48   | CY74FCT16240T  | A         |                    |   |
| 16240 | LVC            | 74LVC16240A    | 74LVC16240APV    | PV      | SSOP      | DL     | 48   | Not Available  |           |                    | SN74LVCH16240A is similar with bus-hold |
| 16240 | LVC            | 74LVC16240A    | 74LVC16240APA    | PA      | TSSOP     | DGG    | 48   | Not Available  |           |                    | SN74LVCH16240A is similar with bus-hold |
| 16240 | LVC            | 74LVC16240A    | 74LVC16240APF    | PF      | TVSOP     | DGV    | 48   | Not Available  |           |                    | SN74LVCH16240A is similar with bus-hold |
| 16240 | LVC            | 74LVCH16240A   | 74LVCH16240APV   | PV      | SSOP      | DL     | 48   | SN74LVCH16240A |           | SN74LVCH16240ADL   |   |
| 16240 | LVC            | 74LVCH16240A   | 74LVCH16240APA   | PA      | TSSOP     | DGG    | 48   | SN74LVCH16240A |           | SN74LVCH16240ADGGR |   |
| 16240 | LVC            | 74LVCH16240A   | 74LVCH16240APF   | PF      | TVSOP     | DGV    | 48   | SN74LVCH16240A |           | Not Available      | This package                            |
| 16241 | LVC            | 74LVC16241A    | 74LVC16241APV    | PV      | SSOP      | DL     | 48   | Not Available  |           |                    |   |
| 16241 | LVC            | 74LVC16241A    | 74LVC16241APA    | PA      | TSSOP     | DGG    | 48   | Not Available  |           |                    |   |
| 16241 | LVC            | 74LVC16241A    | 74LVC16241APF    | PF      | TVSOP     | DGV    | 48   | Not Available  |           |                    |   |
| 16241 | LVC            | 74LVCH16241A   | 74LVCH16241APV   | PV      | SSOP      | DL     | 48   | Not Available  |           |                    |   |
| 16241 | LVC            | 74LVCH16241A   | 74LVCH16241APA   | PA      | TSSOP     | DGG    | 48   | Not Available  |           |                    |   |
| 16241 | LVC            | 74LVCH16241A   | 74LVCH16241APF   | PF      | TVSOP     | DGV    | 48   | Not Available  |           |                    |   |
| 16244 | ALVC           | 74ALVC16244A   | 74ALVC16244APV   | PV      | SSOP      | DL     | 48   | SN74ALVC16244A |           | SN74ALVC16244ADL   |   |

| Root  | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN  | FCT Speed | TI Orderable PN    | TI Comments                      |
|-------|----------------|----------------|------------------|---------|-----------|--------|------|----------------|-----------|--------------------|----------------------------------|
| 16244 | ALVC           | 74ALVC16244A   | 74ALVC16244APA   | PA      | TSSOP     | DGG    | 48   | SN74ALVC16244A |           | SN74ALVC16244ADGGR |                                  |
| 16244 | ALVC           | 74ALVC16244A   | 74ALVC16244APF   | PF      | TVSOP     | DGV    | 48   | SN74ALVC16244A |           | Not Available      | This Package                     |
| 16244 | ALVC           | 74ALVCH16244   | 74ALVCH16244PV   | PV      | SSOP      | DL     | 48   | SN74ALVCH16244 |           | SN74ALVCH16244DL   |                                  |
| 16244 | ALVC           | 74ALVCH16244   | 74ALVCH16244PA   | PA      | TSSOP     | DGG    | 48   | SN74ALVCH16244 |           | SN74ALVCH16244DGGR |                                  |
| 16244 | ALVC           | 74ALVCH16244   | 74ALVCH16244PF   | PF      | TVSOP     | DGV    | 48   | SN74ALVCH16244 |           | SN74ALVCH16244DGVR |                                  |
| 16244 | FCT            | 74FCT16244T    | 74FCT16244TE     | E       | CERPACK   | WD     | 48   | CY74FCT16244T  | A, C, X   | Not Available      | Commercial ceramic not available |
| 16244 | FCT            | 74FCT16244T    | 74FCT16244TPV    | PV      | SSOP      | DL     | 48   | CY74FCT16244T  | A, C, X   | CY74FCT16244TPVC   |                                  |
| 16244 | FCT            | 74FCT16244T    | 74FCT16244TPA    | PA      | TSSOP     | DGG    | 48   | CY74FCT16244T  | A, C, X   | CY74FCT16244TPACT  |                                  |
| 16244 | FCT            | 74FCT16244T    | 74FCT16244TPF    | PF      | TVSOP     | DGV    | 48   | CY74FCT16244T  | A, C, X   |                    |                                  |
| 16244 | LVC            | 74LVC16244A    | 74LVC16244APV    | PV      | SSOP      | DL     | 48   | SN74LVC16244A  |           | SN74LVC16244ADL    |                                  |
| 16244 | LVC            | 74LVC16244A    | 74LVC16244APA    | PA      | TSSOP     | DGG    | 48   | SN74LVC16244A  |           | SN74LVC16244ADGGR  |                                  |
| 16244 | LVC            | 74LVC16244A    | 74LVC16244APF    | PF      | TVSOP     | DGV    | 48   | SN74LVC16244A  |           | SN74LVC16244ADGVR  |                                  |
| 16244 | LVC            | 74LVCH16244A   | 74LVCH16244APV   | PV      | SSOP      | DL     | 48   | SN74LVCH16244A |           | SN74LVCH16244ADL   |                                  |
| 16244 | LVC            | 74LVCH16244A   | 74LVCH16244APA   | PA      | TSSOP     | DGG    | 48   | SN74LVCH16244A |           | SN74LVCH16244ADGGR |                                  |
| 16244 | LVC            | 74LVCH16244A   | 74LVCH16244APF   | PF      | TVSOP     | DGV    | 48   | SN74LVCH16244A |           | SN74LVCH16244ADGVR |                                  |
| 16245 | ALVC           | 74ALVC16245    | 74ALVC16245PV    | PV      | SSOP      | DL     | 48   | Not Available  |           |                    |                                  |
| 16245 | ALVC           | 74ALVC16245    | 74ALVC16245PA    | PA      | TSSOP     | DGG    | 48   | Not Available  |           |                    |                                  |
| 16245 | ALVC           | 74ALVC16245    | 74ALVC16245PF    | PF      | TVSOP     | DGV    | 48   | Not Available  |           |                    |                                  |
| 16245 | ALVC           | 74ALVCH16245   | 74ALVCH16245PV   | PV      | SSOP      | DL     | 48   | SN74ALVCH16245 |           | SN74ALVCH16245DL   |                                  |
| 16245 | ALVC           | 74ALVCH16245   | 74ALVCH16245PA   | PA      | TSSOP     | DGG    | 48   | sn74ALVCH16245 |           | sn74ALVCH16245DGGR |                                  |
| 16245 | ALVC           | 74ALVCH16245   | 74ALVCH16245PF   | PF      | TVSOP     | DGV    | 48   | SN74ALVCH16245 |           | SN74ALVCH16245DGVR |                                  |
| 16245 | FCT            | 74FCT16245T    | 74FCT16245TE     | E       | CERPACK   | WD     | 48   | CY74FCT16245T  | A, C, X   | Not Available      | Commercial ceramic not available |
| 16245 | FCT            | 74FCT16245T    | 74FCT16245TPV    | PV      | SSOP      | DL     | 48   | CY74FCT16245T  | A, C, X   | CY74FCT16245TPVC   |                                  |
| 16245 | FCT            | 74FCT16245T    | 74FCT16245TPA    | PA      | TSSOP     | DGG    | 48   | CY74FCT16245T  | A, C, X   | CY74FCT16245TPACT  |                                  |
| 16245 | FCT            | 74FCT16245T    | 74FCT16245TPF    | PF      | TVSOP     | DGV    | 48   | CY74FCT16245T  | A, C, X   |                    |                                  |
| 16245 | LVC            | 74LVC16245A    | 74LVC16245APV    | PV      | SSOP      | DL     | 48   | SN74LVC16245A  |           | SN74LVC16245ADL    |                                  |
| 16245 | LVC            | 74LVC16245A    | 74LVC16245APA    | PA      | TSSOP     | DGG    | 48   | SN74LVC16245A  |           | SN74LVC16245ADGGR  |                                  |
| 16245 | LVC            | 74LVC16245A    | 74LVC16245APF    | PF      | TVSOP     | DGV    | 48   | SN74LVC16245A  |           | SN74LVC16245ADGVR  |                                  |
| 16260 | ALVC           | 74ALVC16260    | 74ALVC16260PV    | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16260 | ALVC           | 74ALVC16260    | 74ALVC16260PA    | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16260 | ALVC           | 74ALVC16260    | 74ALVC16260PF    | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16260 | ALVC           | 74ALVCH16260   | 74ALVCH16260PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16260 |           | SN74ALVCH16260DL   |                                  |
| 16260 | ALVC           | 74ALVCH16260   | 74ALVCH16260PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16260 |           | SN74ALVCH16260DGGR |                                  |
| 16260 | ALVC           | 74ALVCH16260   | 74ALVCH16260PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16260 |           | Not Available      | This package                     |
| 16260 | ALVC           | 74ALVCHR16260  | 74ALVCHR16260PV  | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16260 | ALVC           | 74ALVCHR16260  | 74ALVCHR16260PA  | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16260 | ALVC           | 74ALVCHR16260  | 74ALVCHR16260PF  | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16260 | FCT            | 74FCT16260T    | 74FCT16260TE     | E       | CERPACK   | WD     | 56   | Not Available  |           |                    |                                  |
| 16260 | FCT            | 74FCT16260T    | 74FCT16260TPV    | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16260 | FCT            | 74FCT16260T    | 74FCT16260TPA    | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16260 | LVC            | 74LVCH16260A   | 74LVCH16260APV   | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16260 | LVC            | 74LVCH16260A   | 74LVCH16260APA   | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16260 | LVC            | 74LVCH16260A   | 74LVCH16260APF   | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16269 | ALVC           | 74ALVCH16269   | 74ALVCH16269PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16269 |           | SN74ALVCH16269DL   |                                  |
| 16269 | ALVC           | 74ALVCH16269   | 74ALVCH16269PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16269 |           | SN74ALVCH16269DGGR |                                  |
| 16269 | ALVC           | 74ALVCH16269   | 74ALVCH16269PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16269 |           | Not Available      | This Package                     |
| 16270 | ALVC           | 74ALVCH16270   | 74ALVCH16270PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16270 |           | SN74ALVCH16270DL   |                                  |
| 16270 | ALVC           | 74ALVCH16270   | 74ALVCH16270PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16270 |           | SN74ALVCH16270DGGR |                                  |
| 16270 | ALVC           | 74ALVCH16270   | 74ALVCH16270PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16270 |           | Not Available      | This package                     |
| 16270 | ALVC           | 74ALVCHR16270  | 74ALVCHR16270PV  | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16270 | ALVC           | 74ALVCHR16270  | 74ALVCHR16270PA  | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16270 | ALVC           | 74ALVCHR16270  | 74ALVCHR16270PF  | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |

| Root  | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN  | FCT Speed | TI Orderable PN    | TI Comments                      |
|-------|----------------|----------------|------------------|---------|-----------|--------|------|----------------|-----------|--------------------|----------------------------------|
| 16271 | ALVC           | 74ALVCH16271   | 74ALVCH16271PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16271 |           | SN74ALVCH16271DL   |                                  |
| 16271 | ALVC           | 74ALVCH16271   | 74ALVCH16271PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16271 |           | SN74ALVCH16271DGGR |                                  |
| 16271 | ALVC           | 74ALVCH16271   | 74ALVCH16271PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16271 |           | Not Available      | This package                     |
| 16276 | ALVC           | 74ALVCH16276   | 74ALVCH16276PV   | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16276 | ALVC           | 74ALVCH16276   | 74ALVCH16276PA   | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16276 | ALVC           | 74ALVCH16276   | 74ALVCH16276PF   | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16276 | LVC            | 74LVCH16276A   | 74LVCH16276APV   | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16276 | LVC            | 74LVCH16276A   | 74LVCH16276APA   | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16276 | LVC            | 74LVCH16276A   | 74LVCH16276APF   | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16282 | ALVC           | 74ALVCH16282   | 74ALVCH16282DF   | DF      | TVSOP     | DBB    | 80   | SN74ALVCH16282 |           | SN74ALVCH16282DBBR |                                  |
| 16334 | ALVC           | 74ALVC16334    | 74ALVC16334PA    | PA      | TSSOP     | DGG    | 48   | SN74ALVC16334  |           | SN74ALVC16334DGGR  |                                  |
| 16334 | ALVC           | 74ALVC16334    | 74ALVC16334PF    | PF      | TVSOP     | DGV    | 48   | SN74ALVC16334  |           | SN74ALVC16334DGVR  |                                  |
| 16334 | ALVC           | 74ALVCH16334   | 74ALVCH16334PV   | PV      | SSOP      | DL     | 48   | SN74ALVCH16334 |           | SN74ALVCH16334DL   |                                  |
| 16344 | ALVC           | 74ALVC16344    | 74ALVC16344PV    | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16344 | ALVC           | 74ALVC16344    | 74ALVC16344PA    | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16344 | ALVC           | 74ALVC16344    | 74ALVC16344PF    | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16344 | ALVC           | 74ALVCH16344   | 74ALVCH16344PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16344 |           | SN74ALVCH16344DL   |                                  |
| 16344 | ALVC           | 74ALVCH16344   | 74ALVCH16344PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16344 |           | SN74ALVCH16344DGGR |                                  |
| 16344 | ALVC           | 74ALVCH16344   | 74ALVCH16344PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16344 |           | Not Available      | This Package                     |
| 16344 | LVC            | 74LVC16344A    | 74LVC16344APV    | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16344 | LVC            | 74LVC16344A    | 74LVC16344APA    | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16344 | LVC            | 74LVC16344A    | 74LVC16344APF    | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16344 | LVC            | 74LVCH16344A   | 74LVCH16344APV   | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16344 | LVC            | 74LVCH16344A   | 74LVCH16344APA   | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16344 | LVC            | 74LVCH16344A   | 74LVCH16344APF   | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16345 | ALVC           | 74ALVCH16345   | 74ALVCH16345PV   | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16345 | ALVC           | 74ALVCH16345   | 74ALVCH16345PA   | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16345 | ALVC           | 74ALVCH16345   | 74ALVCH16345PF   | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16373 | ALVC           | 74ALVCH16373   | 74ALVCH16373PV   | PV      | SSOP      | DL     | 48   | SN74ALVCH16373 |           | SN74ALVCH16373DL   |                                  |
| 16373 | ALVC           | 74ALVCH16373   | 74ALVCH16373PA   | PA      | TSSOP     | DGG    | 48   | SN74ALVCH16373 |           | SN74ALVCH16373DGGR |                                  |
| 16373 | ALVC           | 74ALVCH16373   | 74ALVCH16373PF   | PF      | TVSOP     | DGV    | 48   | SN74ALVCH16373 |           | Not Available      | This package                     |
| 16373 | FCT            | 74FCT16373T    | 74FCT16373TE     | E       | CERPACK   | WD     | 48   | CY74FCT16373T  | A, C      | Not Available      | Commercial ceramic not available |
| 16373 | FCT            | 74FCT16373T    | 74FCT16373TPV    | PV      | SSOP      | DL     | 48   | CY74FCT16373T  | A, C      | CY74FCT16373ATPVC  | Substitute A speed               |
| 16373 | FCT            | 74FCT16373T    | 74FCT16373TPA    | PA      | TSSOP     | DGG    | 48   | CY74FCT16373T  | A, C      | CY74FCT16373ATPACT | Substitute A speed               |
| 16373 | FCT            | 74FCT16373T    | 74FCT16373TPF    | PF      | TVSOP     | DGV    | 48   | CY74FCT16373T  | A, C      | Not Available      |                                  |
| 16373 | FCT            | 74FCT16374T    | 74FCT16374TE     | E       | CERPACK   | WD     | 48   | CY74FCT16374T  | A, C, X   | Not Available      | Commercial ceramic not available |
| 16373 | FCT            | 74FCT16374T    | 74FCT16374TPV    | PV      | SSOP      | DL     | 48   | CY74FCT16374T  | A, C, X   | CY74FCT16374TPVC   |                                  |
| 16373 | FCT            | 74FCT16374T    | 74FCT16374TPA    | PA      | TSSOP     | DGG    | 48   | CY74FCT16374T  | A, C, X   | CY74FCT16374ATPACT | Substitute A speed               |
| 16373 | FCT            | 74FCT16374T    | 74FCT16374TPF    | PF      | TVSOP     | DGV    | 48   | CY74FCT16374T  | A, C, X   | Not Available      |                                  |
| 16373 | LVC            | 74LVC16373A    | 74LVC16373APV    | PV      | SSOP      | DL     | 48   | SN74LVC16373A  |           | SN74LVC16373ADL    |                                  |
| 16373 | LVC            | 74LVC16373A    | 74LVC16373APA    | PA      | TSSOP     | DGG    | 48   | SN74LVC16373A  |           | SN74LVC16373ADGGR  |                                  |
| 16373 | LVC            | 74LVC16373A    | 74LVC16373APF    | PF      | TVSOP     | DGV    | 48   | SN74LVC16373A  |           | SN74LVC16373ADGVR  |                                  |
| 16373 | LVC            | 74LVCH16373A   | 74LVCH16373APV   | PV      | SSOP      | DL     | 48   | SN74LVCH16373A |           | SN74LVCH16373ADL   |                                  |
| 16373 | LVC            | 74LVCH16373A   | 74LVCH16373APA   | PA      | TSSOP     | DGG    | 48   | SN74LVCH16373A |           | SN74LVCH16373ADGGR |                                  |
| 16373 | LVC            | 74LVCH16373A   | 74LVCH16373APF   | PF      | TVSOP     | DGV    | 48   | SN74LVCH16373A |           | SN74LVCH16373ADGVR |                                  |
| 16374 | ALVC           | 74ALVCH16374   | 74ALVCH16374PV   | PV      | SSOP      | DL     | 48   | SN74ALVCH16374 |           | SN74ALVCH16374DL   |                                  |
| 16374 | ALVC           | 74ALVCH16374   | 74ALVCH16374PA   | PA      | TSSOP     | DGG    | 48   | SN74ALVCH16374 |           | SN74ALVCH16374DGGR |                                  |
| 16374 | ALVC           | 74ALVCH16374   | 74ALVCH16374PF   | PF      | TVSOP     | DGV    | 48   | SN74ALVCH16374 |           | Not Available      | This package                     |
| 16374 | LVC            | 74LVC16374A    | 74LVC16374APV    | PV      | SSOP      | DL     | 48   | SN74LVC16374A  |           | SN74LVC16374ADL    |                                  |
| 16374 | LVC            | 74LVC16374A    | 74LVC16374APA    | PA      | TSSOP     | DGG    | 48   | SN74LVC16374A  |           | SN74LVC16374ADGGR  |                                  |
| 16374 | LVC            | 74LVC16374A    | 74LVC16374APF    | PF      | TVSOP     | DGV    | 48   | SN74LVC16374A  |           | SN74LVC16374ADGVR  |                                  |
| 16374 | LVC            | 74LVCH16374A   | 74LVCH16374APV   | PV      | SSOP      | DL     | 48   | SN74LVCH16374A |           | SN74LVCH16374ADL   |                                  |

| Root  | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN   | FCT Speed | TI Orderable PN    | TI Comments                      |
|-------|----------------|----------------|------------------|---------|-----------|--------|------|-----------------|-----------|--------------------|----------------------------------|
| 16374 | LVC            | 74LVCH16374A   | 74LVCH16374APA   | PA      | TSSOP     | DGG    | 48   | SN74LVCH16374A  |           | SN74LVCH16374ADGGR |                                  |
| 16374 | LVC            | 74LVCH16374A   | 74LVCH16374APF   | PF      | TVSOP     | DGV    | 48   | SN74LVCH16374A  |           | SN74LVCH16374ADGVR |                                  |
| 16409 | ALVC           | 74ALVCH16409   | 74ALVCH16409PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16409  |           | SN74ALVCH16409DL   |                                  |
| 16409 | ALVC           | 74ALVCH16409   | 74ALVCH16409PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16409  |           | SN74ALVCH16409DGGR |                                  |
| 16409 | ALVC           | 74ALVCH16409   | 74ALVCH16409PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16409  |           | Not Available      | This package                     |
| 16409 | ALVC           | 74ALVCHR16409  | 74ALVCHR16409PV  | PV      | SSOP      | DL     | 56   | SN74ALVCHR16409 |           | SN74ALVCHR16409LR  |                                  |
| 16409 | ALVC           | 74ALVCHR16409  | 74ALVCHR16409PA  | PA      | TSSOP     | DGG    | 56   | SN74ALVCHR16409 |           | SN74ALVCHR16409GR  |                                  |
| 16409 | ALVC           | 74ALVCHR16409  | 74ALVCHR16409PF  | PF      | TVSOP     | DGV    | 56   | SN74ALVCHR16409 |           | Not Available      | This package                     |
| 16500 | ALVC           | 74ALVCH16500   | 74ALVCH16500PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16500  |           | SN74ALVCH16500DL   |                                  |
| 16500 | ALVC           | 74ALVCH16500   | 74ALVCH16500PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16500  |           | SN74ALVCH16500DGGR |                                  |
| 16500 | ALVC           | 74ALVCH16500   | 74ALVCH16500PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16500  |           | Not Available      | This package                     |
| 16500 | ALVC           | 74ALVCHR16500  | 74ALVCHR16500PV  | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                                  |
| 16500 | ALVC           | 74ALVCHR16500  | 74ALVCHR16500PA  | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                                  |
| 16500 | ALVC           | 74ALVCHR16500  | 74ALVCHR16500PF  | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                                  |
| 16500 | FCT            | 74FCT16500T    | 74FCT16500TE     | E       | CERPACK   | WD     | 56   | CY74FCT16500T   | C         | Not Available      | Commercial ceramic not available |
| 16500 | FCT            | 74FCT16500T    | 74FCT16500TPV    | PV      | SSOP      | DL     | 56   | CY74FCT16500T   | C         |                    |                                  |
| 16500 | FCT            | 74FCT16500T    | 74FCT16500TPA    | PA      | TSSOP     | DGG    | 56   | CY74FCT16500T   | C         |                    |                                  |
| 16500 | LVC            | 74LVC16500A    | 74LVC16500APV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                                  |
| 16500 | LVC            | 74LVC16500A    | 74LVC16500APA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                                  |
| 16500 | LVC            | 74LVC16500A    | 74LVC16500APF    | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                                  |
| 16501 | ALVC           | 74ALVCH16501   | 74ALVCH16501PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16501  |           | SN74ALVCH16501DL   |                                  |
| 16501 | ALVC           | 74ALVCH16501   | 74ALVCH16501PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16501  |           | SN74ALVCH16501DGGR |                                  |
| 16501 | ALVC           | 74ALVCH16501   | 74ALVCH16501PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16501  |           | Not Available      | This package                     |
| 16501 | ALVC           | 74ALVCHR16501  | 74ALVCHR16501PV  | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                                  |
| 16501 | ALVC           | 74ALVCHR16501  | 74ALVCHR16501PA  | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                                  |
| 16501 | ALVC           | 74ALVCHR16501  | 74ALVCHR16501PF  | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                                  |
| 16501 | FCT            | 74FCT16501T    | 74FCT16501TE     | E       | CERPACK   | WD     | 56   | CY74FCT16501T   | A         | Not Available      | Commercial ceramic not available |
| 16501 | FCT            | 74FCT16501T    | 74FCT16501TPV    | PV      | SSOP      | DL     | 56   | CY74FCT16501T   | A         |                    |                                  |
| 16501 | FCT            | 74FCT16501T    | 74FCT16501TPA    | PA      | TSSOP     | DGG    | 56   | CY74FCT16501T   | A         |                    |                                  |
| 16501 | FCT            | 74FCT16501T    | 74FCT16501TPF    | PF      | TVSOP     | DGV    | 56   | CY74FCT16501T   | A         |                    |                                  |
| 16501 | LVC            | 74LVC16501A    | 74LVC16501APV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                                  |
| 16501 | LVC            | 74LVC16501A    | 74LVC16501APA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                                  |
| 16501 | LVC            | 74LVC16501A    | 74LVC16501APF    | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                                  |
| 16501 | LVC            | 74LVCH16501A   | 74LVCH16501APV   | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                                  |
| 16501 | LVC            | 74LVCH16501A   | 74LVCH16501APA   | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                                  |
| 16501 | LVC            | 74LVCH16501A   | 74LVCH16501APF   | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                                  |
| 16501 | LVC            | 74LVCHR16501A  | 74LVCHR16501APV  | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                                  |
| 16501 | LVC            | 74LVCHR16501A  | 74LVCHR16501APA  | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                                  |
| 16501 | LVC            | 74LVCHR16501A  | 74LVCHR16501APF  | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                                  |
| 16501 | LVC            | 74LVCR16501A   | 74LVCR16501APV   | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                                  |
| 16501 | LVC            | 74LVCR16501A   | 74LVCR16501APA   | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                                  |
| 16501 | LVC            | 74LVCR16501A   | 74LVCR16501APF   | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                                  |
| 16524 | ALVC           | 74ALVCH16524   | 74ALVCH16524PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16524  |           | SN74ALVCH16524DL   |                                  |
| 16524 | ALVC           | 74ALVCH16524   | 74ALVCH16524PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16524  |           | SN74ALVCH16524DGGR |                                  |
| 16524 | ALVC           | 74ALVCH16524   | 74ALVCH16524PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16524  |           | Not Available      | This package                     |
| 16525 | ALVC           | 74ALVCH16525   | 74ALVCH16525PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16525  |           | SN74ALVCH16525DL   |                                  |
| 16525 | ALVC           | 74ALVCH16525   | 74ALVCH16525PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16525  |           | SN74ALVCH16525DGGR |                                  |
| 16525 | ALVC           | 74ALVCH16525   | 74ALVCH16525PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16525  |           | Not Available      | This package                     |
| 16540 | ALVC           | 74ALVCH16540   | 74ALVCH16540PV   | PV      | SSOP      | DL     | 48   | Not Available   |           |                    |                                  |
| 16540 | ALVC           | 74ALVCH16540   | 74ALVCH16540PA   | PA      | TSSOP     | DGG    | 48   | Not Available   |           |                    |                                  |
| 16540 | ALVC           | 74ALVCH16540   | 74ALVCH16540PF   | PF      | TVSOP     | DGV    | 48   | Not Available   |           |                    |                                  |
| 16540 | LVC            | 74LVCH16540A   | 74LVCH16540APV   | PV      | SSOP      | DL     | 48   | SN74LVCH16540A  |           | SN74LVCH16540ADL   |                                  |

| Root  | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN   | FCT Speed | TI Orderable PN    | TI Comments                             |
|-------|----------------|----------------|------------------|---------|-----------|--------|------|-----------------|-----------|--------------------|---|
| 16540 | LVC            | 74LVCH16540A   | 74LVCH16540APA   | PA      | TSSOP     | DGG    | 48   | SN74LVCH16540A  |           | SN74LVCH16540ADGGR |   |
| 16540 | LVC            | 74LVCH16540A   | 74LVCH16540APF   | PF      | TVSOP     | DGV    | 48   | SN74LVCH16540A  |           | SN74LVCH16540ADGVR |   |
| 16541 | LVC            | 74LVC16541A    | 74LVC16541APV    | PV      | SSOP      | DL     | 48   | Not Available   |           |                    | SN74LVCH16541A is similar with bus-hold |
| 16541 | LVC            | 74LVC16541A    | 74LVC16541APA    | PA      | TSSOP     | DGG    | 48   | Not Available   |           |                    | SN74LVCH16541A is similar with bus-hold |
| 16541 | LVC            | 74LVC16541A    | 74LVC16541APF    | PF      | TVSOP     | DGV    | 48   | Not Available   |           |                    | SN74LVCH16541A is similar with bus-hold |
| 16541 | LVC            | 74LVCH16541A   | 74LVCH16541APV   | PV      | SSOP      | DL     | 48   | SN74LVCH16541A  |           | SN74LVCH16541ADL   |   |
| 16541 | LVC            | 74LVCH16541A   | 74LVCH16541APA   | PA      | TSSOP     | DGG    | 48   | SN74LVCH16541A  |           | SN74LVCH16541ADGGR |   |
| 16541 | LVC            | 74LVCH16541A   | 74LVCH16541APF   | PF      | TVSOP     | DGV    | 48   | SN74LVCH16541A  |           | SN74LVCH16541ADGVR |   |
| 16543 | ALVC           | 74ALVCH16543   | 74ALVCH16543PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16543  |           | SN74ALVCH16543DL   |   |
| 16543 | ALVC           | 74ALVCH16543   | 74ALVCH16543PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16543  |           | SN74ALVCH16543DGGR |   |
| 16543 | ALVC           | 74ALVCH16543   | 74ALVCH16543PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16543  |           | Not Available      | This package                            |
| 16543 | ALVC           | 74ALVCHR16543  | 74ALVCHR16543PV  | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |   |
| 16543 | ALVC           | 74ALVCHR16543  | 74ALVCHR16543PA  | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |   |
| 16543 | ALVC           | 74ALVCHR16543  | 74ALVCHR16543PF  | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |   |
| 16543 | FCT            | 74FCT16543T    | 74FCT16543TE     | E       | CERPACK   | WD     | 56   | CY74FCT16543T   | A, C, X   | Not Available      | Commercial ceramic not available        |
| 16543 | FCT            | 74FCT16543T    | 74FCT16543TPV    | PV      | SSOP      | DL     | 56   | CY74FCT16543T   | A, C, X   | CY74FCT16543TPVC   |   |
| 16543 | FCT            | 74FCT16543T    | 74FCT16543TPA    | PA      | TSSOP     | DGG    | 56   | CY74FCT16543T   | A, C, X   |                    |   |
| 16543 | FCT            | 74FCT16543T    | 74FCT16543TPF    | PF      | TVSOP     | DGV    | 56   | CY74FCT16543T   | A, C, X   |                    |   |
| 16543 | LVC            | 74LVC16543A    | 74LVC16543APV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    | SN74LVCH16543A is similar with bus-hold |
| 16543 | LVC            | 74LVC16543A    | 74LVC16543APA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    | SN74LVCH16543A is similar with bus-hold |
| 16543 | LVC            | 74LVC16543A    | 74LVC16543APF    | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    | SN74LVCH16543A is similar with bus-hold |
| 16543 | LVC            | 74LVCH16543A   | 74LVCH16543APV   | PV      | SSOP      | DL     | 56   | SN74LVCH16543A  |           | SN74LVCH16543ADL   |   |
| 16543 | LVC            | 74LVCH16543A   | 74LVCH16543APA   | PA      | TSSOP     | DGG    | 56   | SN74LVCH16543A  |           | SN74LVCH16543ADGGR |   |
| 16543 | LVC            | 74LVCH16543A   | 74LVCH16543APF   | PF      | TVSOP     | DGV    | 56   | SN74LVCH16543A  |           | SN74LVCH16543ADGVR |   |
| 16543 | LVC            | 74LVCHR16543A  | 74LVCHR16543APV  | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |   |
| 16543 | LVC            | 74LVCHR16543A  | 74LVCHR16543APA  | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |   |
| 16543 | LVC            | 74LVCHR16543A  | 74LVCHR16543APF  | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |   |
| 16600 | ALVC           | 74ALVCH16600   | 74ALVCH16600PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16600  |           | SN74ALVCH16600DL   |   |
| 16600 | ALVC           | 74ALVCH16600   | 74ALVCH16600PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16600  |           | SN74ALVCH16600DGGR |   |
| 16600 | ALVC           | 74ALVCH16600   | 74ALVCH16600PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16600  |           | Not Available      | This package                            |
| 16601 | ALVC           | 74ALVCH16601   | 74ALVCH16601PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16601  |           | SN74ALVCH16601DL   |   |
| 16601 | ALVC           | 74ALVCH16601   | 74ALVCH16601PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16601  |           | SN74ALVCH16601DGGR |   |
| 16601 | ALVC           | 74ALVCH16601   | 74ALVCH16601PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16601  |           | Not Available      | This package                            |
| 16601 | ALVC           | 74ALVCHR16601  | 74ALVCHR16601PV  | PV      | SSOP      | DL     | 56   | SN74ALVCHR16601 |           | SN74ALVCHR16601DL  |   |
| 16601 | ALVC           | 74ALVCHR16601  | 74ALVCHR16601PA  | PA      | TSSOP     | DGG    | 56   | SN74ALVCHR16601 |           | SN74ALVCHR16601GR  |   |
| 16601 | ALVC           | 74ALVCHR16601  | 74ALVCHR16601PF  | PF      | TVSOP     | DGV    | 56   | SN74ALVCHR16601 |           | SN74ALVCHR16601VR  |   |
| 16601 | FCT            | 74FCT16601T    | 74FCT16601TPV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |   |
| 16601 | FCT            | 74FCT16601T    | 74FCT16601TPA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |   |
| 16601 | LVC            | 74LVC16601A    | 74LVC16601APV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |   |
| 16601 | LVC            | 74LVC16601A    | 74LVC16601APA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |   |
| 16601 | LVC            | 74LVC16601A    | 74LVC16601APF    | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |   |
| 16601 | LVC            | 74LVCH16601A   | 74LVCH16601APV   | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |   |
| 16601 | LVC            | 74LVCH16601A   | 74LVCH16601APA   | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |   |
| 16601 | LVC            | 74LVCH16601A   | 74LVCH16601APF   | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |   |
| 16612 | GTL            | 74GTLPH16612   | 74GTLPH16612PA   | PA      | TSSOP     | DGG    | 56   | SN74GTLPH16612  |           | SN74GTLPH16612GR   |   |
| 16612 | GTL            | 74GTLPH16612   | 74GTLPH16612PV   | PV      | SSOP      | DL     | 56   | SN74GTLPH16612  |           | SN74GTLPH16612DLR  |   |
| 16634 | ALVC           | 74ALVCH16334   | 74ALVCH16334PA   | PA      | TSSOP     | DGG    | 48   | SN74ALVCH16334  |           | SN74ALVCH16334DGGR |   |
| 16634 | ALVC           | 74ALVCH16334   | 74ALVCH16334PF   | PF      | TVSOP     | DGV    | 48   | SN74ALVCH16334  |           | SN74ALVCH16334DGVR |   |
| 16646 | ALVC           | 74ALVC16646    | 74ALVC16646PV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |   |
| 16646 | ALVC           | 74ALVC16646    | 74ALVC16646PA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |   |
| 16646 | ALVC           | 74ALVC16646    | 74ALVC16646PF    | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |   |
| 16646 | ALVC           | 74ALVCH16646   | 74ALVCH16646PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16646  |           | SN74ALVCH16646DL   |   |

| Root  | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN  | FCT Speed | TI Orderable PN    | TI Comments                             |
|-------|----------------|----------------|------------------|---------|-----------|--------|------|----------------|-----------|--------------------|---|
| 16646 | ALVC           | 74ALVCH16646   | 74ALVCH16646PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16646 |           | SN74ALVCH16646DGGR |   |
| 16646 | ALVC           | 74ALVCH16646   | 74ALVCH16646PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16646 |           | SN74ALVCH16646DGVR |   |
| 16646 | FCT            | 74FCT16646T    | 74FCT16646TE     | E       | CERPACK   | WD     | 56   | CY74FCT16646T  | A, C, X   | Not Available      | Commercial ceramic not available        |
| 16646 | FCT            | 74FCT16646T    | 74FCT16646TPV    | PV      | SSOP      | DL     | 56   | CY74FCT16646T  | A, C, X   | CY74FCT16646TPVC   |   |
| 16646 | FCT            | 74FCT16646T    | 74FCT16646TPA    | PA      | TSSOP     | DGG    | 56   | CY74FCT16646T  | A, C, X   |                    |   |
| 16646 | FCT            | 74FCT16646T    | 74FCT16646TPF    | PF      | TVSOP     | DGV    | 56   | CY74FCT16646T  | A, C, X   |                    |   |
| 16646 | LVC            | 74LVC16646A    | 74LVC16646APV    | PV      | SSOP      | DL     | 56   | Not Available  |           |                    | SN74LVCH16646A is similar with bus-hold |
| 16646 | LVC            | 74LVC16646A    | 74LVC16646APA    | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    | SN74LVCH16646A is similar with bus-hold |
| 16646 | LVC            | 74LVC16646A    | 74LVC16646APF    | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    | SN74LVCH16646A is similar with bus-hold |
| 16646 | LVC            | 74LVCH16646A   | 74LVCH16646APV   | PV      | SSOP      | DL     | 56   | SN74LVCH16646A |           | SN74LVCH16646ADL   |   |
| 16646 | LVC            | 74LVCH16646A   | 74LVCH16646APA   | PA      | TSSOP     | DGG    | 56   | SN74LVCH16646A |           | SN74LVCH16646ADGGR |   |
| 16646 | LVC            | 74LVCH16646A   | 74LVCH16646APF   | PF      | TVSOP     | DGV    | 56   | SN74LVCH16646A |           | SN74LVCH16646ADGVR |   |
| 16646 | LVC            | 74LVCHR16646A  | 74LVCHR16646APV  | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |   |
| 16646 | LVC            | 74LVCHR16646A  | 74LVCHR16646APA  | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |   |
| 16646 | LVC            | 74LVCHR16646A  | 74LVCHR16646APF  | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |   |
| 16652 | ALVC           | 74ALVCH16652   | 74ALVCH16652PV   | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |   |
| 16652 | ALVC           | 74ALVCH16652   | 74ALVCH16652PA   | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |   |
| 16652 | ALVC           | 74ALVCH16652   | 74ALVCH16652PF   | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |   |
| 16652 | FCT            | 74FCT16652T    | 74FCT16652TE     | E       | CERPACK   | WD     | 56   | CY74FCT16652T  | A, C      | Not Available      | Commercial ceramic not available        |
| 16652 | FCT            | 74FCT16652T    | 74FCT16652TPV    | PV      | SSOP      | DL     | 56   | CY74FCT16652T  | A, C      |                    |   |
| 16652 | FCT            | 74FCT16652T    | 74FCT16652TPA    | PA      | TSSOP     | DGG    | 56   | CY74FCT16652T  | A, C      |                    |   |
| 16652 | LVC            | 74LVC16652A    | 74LVC16652APV    | PV      | SSOP      | DL     | 56   | Not Available  |           |                    | SN74LVCH16652A is similar with bus-hold |
| 16652 | LVC            | 74LVC16652A    | 74LVC16652APA    | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    | SN74LVCH16652A is similar with bus-hold |
| 16652 | LVC            | 74LVC16652A    | 74LVC16652APF    | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    | SN74LVCH16652A is similar with bus-hold |
| 16652 | LVC            | 74LVCH16652A   | 74LVCH16652APV   | PV      | SSOP      | DL     | 56   | SN74LVCH16652A |           | SN74LVCH16652ADL   |   |
| 16652 | LVC            | 74LVCH16652A   | 74LVCH16652APA   | PA      | TSSOP     | DGG    | 56   | SN74LVCH16652A |           | SN74LVCH16652ADGGR |   |
| 16652 | LVC            | 74LVCH16652A   | 74LVCH16652APF   | PF      | TVSOP     | DGV    | 56   | SN74LVCH16652A |           | SN74LVCH16652ADGVR |   |
| 16701 | ALVC           | 74ALVCH16701   | 74ALVCH16701PV   | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |   |
| 16701 | ALVC           | 74ALVCH16701   | 74ALVCH16701PA   | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |   |
| 16701 | ALVC           | 74ALVCH16701   | 74ALVCH16701PF   | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |   |
| 16701 | LVC            | 74LVCH16701A   | 74LVCH16701APV   | PV      | SSOP      | DL     | 48   | Not Available  |           |                    |   |
| 16701 | LVC            | 74LVCH16701A   | 74LVCH16701APA   | PA      | TSSOP     | DGG    | 48   | Not Available  |           |                    |   |
| 16701 | LVC            | 74LVCH16701A   | 74LVCH16701APF   | PF      | TVSOP     | DGV    | 48   | Not Available  |           |                    |   |
| 16702 | LVC            | 74LVCH16702A   | 74LVCH16702APV   | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |   |
| 16702 | LVC            | 74LVCH16702A   | 74LVCH16702APA   | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |   |
| 16702 | LVC            | 74LVCH16702A   | 74LVCH16702APF   | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |   |
| 16721 | ALVC           | 74ALVCH16721   | 74ALVCH16721PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16721 |           | SN74ALVCH16721DL   |   |
| 16721 | ALVC           | 74ALVCH16721   | 74ALVCH16721PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16721 |           | SN74ALVCH16721DGGR |   |
| 16721 | ALVC           | 74ALVCH16721   | 74ALVCH16721PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16721 |           | SN74ALVCH16721DGVR |   |
| 16721 | LVC            | 74LVCH16721A   | 74LVCH16721APV   | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |   |
| 16721 | LVC            | 74LVCH16721A   | 74LVCH16721APA   | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |   |
| 16721 | LVC            | 74LVCH16721A   | 74LVCH16721APF   | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |   |
| 16820 | ALVC           | 74ALVC16820    | 74ALVC16820PV    | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |   |
| 16820 | ALVC           | 74ALVC16820    | 74ALVC16820PA    | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |   |
| 16820 | ALVC           | 74ALVC16820    | 74ALVC16820PF    | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |   |
| 16820 | ALVC           | 74ALVCH16820   | 74ALVCH16820PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16820 |           | SN74ALVCH16820DL   |   |
| 16820 | ALVC           | 74ALVCH16820   | 74ALVCH16820PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16820 |           | SN74ALVCH16820DGGR |   |
| 16820 | ALVC           | 74ALVCH16820   | 74ALVCH16820PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16820 |           | Not Available      | This package                            |
| 16821 | ALVC           | 74ALVCH16821   | 74ALVCH16821PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16821 |           | SN74ALVCH16821DL   |   |
| 16821 | ALVC           | 74ALVCH16821   | 74ALVCH16821PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16821 |           | SN74ALVCH16821DGGR |   |
| 16821 | ALVC           | 74ALVCH16821   | 74ALVCH16821PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16821 |           | Not Available      | This package                            |
| 16821 | LVC            | 74LVC16821A    | 74LVC16821APV    | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |   |

| Root  | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN  | FCT Speed | TI Orderable PN    | TI Comments                      |
|-------|----------------|----------------|------------------|---------|-----------|--------|------|----------------|-----------|--------------------|----------------------------------|
| 16821 | LVC            | 74LVC16821A    | 74LVC16821APA    | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16821 | LVC            | 74LVC16821A    | 74LVC16821APF    | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16823 | ALVC           | 74ALVCH16823   | 74ALVCH16823PV   | PV      | SSOP      | DL     | 56   | Not Available  |           | SN74ALVCH16823DL   |                                  |
| 16823 | ALVC           | 74ALVCH16823   | 74ALVCH16823PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16823 |           | SN74ALVCH16823DGGR |                                  |
| 16823 | ALVC           | 74ALVCH16823   | 74ALVCH16823PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16823 |           | SN74ALVCH16823DGVR |                                  |
| 16823 | FCT            | 74FCT16823T    | 74FCT16823TE     | E       | CERPACK   | WD     | 56   | CY74FCT16823T  | A, C      | Not Available      | Commercial ceramic not available |
| 16823 | FCT            | 74FCT16823T    | 74FCT16823TPV    | PV      | SSOP      | DL     | 56   | CY74FCT16823T  | A, C      |                    |                                  |
| 16823 | FCT            | 74FCT16823T    | 74FCT16823TPA    | PA      | TSSOP     | DGG    | 56   | CY74FCT16823T  | A, C      |                    |                                  |
| 16823 | FCT            | 74FCT16823T    | 74FCT16823TPF    | PF      | TVSOP     | DGV    | 56   | CY74FCT16823T  | A, C      |                    |                                  |
| 16823 | LVC            | 74LVC16823A    | 74LVC16823APV    | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16823 | LVC            | 74LVC16823A    | 74LVC16823APA    | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16823 | LVC            | 74LVC16823A    | 74LVC16823APF    | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16825 | ALVC           | 74ALVCH16825   | 74ALVCH16825PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16825 |           | SN74ALVCH16825DL   |                                  |
| 16825 | ALVC           | 74ALVCH16825   | 74ALVCH16825PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16825 |           | SN74ALVCH16825DGGR |                                  |
| 16825 | ALVC           | 74ALVCH16825   | 74ALVCH16825PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16825 |           | Not Available      | This Package                     |
| 16827 | ALVC           | 74ALVCH16827   | 74ALVCH16827PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16827 |           | SN74ALVCH16827DL   |                                  |
| 16827 | ALVC           | 74ALVCH16827   | 74ALVCH16827PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16827 |           | SN74ALVCH16827DGGR |                                  |
| 16827 | ALVC           | 74ALVCH16827   | 74ALVCH16827PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16827 |           | Not Available      | This package                     |
| 16827 | FCT            | 74FCT16827T    | 74FCT16827TE     | E       | CERPACK   | WD     | 56   | CY74FCT16827T  | A, C      | Not Available      | Commercial ceramic not available |
| 16827 | FCT            | 74FCT16827T    | 74FCT16827TPV    | PV      | SSOP      | DL     | 56   | CY74FCT16827T  | A, C      |                    |                                  |
| 16827 | FCT            | 74FCT16827T    | 74FCT16827TPA    | PA      | TSSOP     | DGG    | 56   | CY74FCT16827T  | A, C      |                    |                                  |
| 16827 | FCT            | 74FCT16827T    | 74FCT16827TPF    | PF      | TVSOP     | DGV    | 56   | CY74FCT16827T  | A, C      |                    |                                  |
| 16827 | LVC            | 74LVC16827A    | 74LVC16827APV    | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16827 | LVC            | 74LVC16827A    | 74LVC16827APA    | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16827 | LVC            | 74LVC16827A    | 74LVC16827APF    | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16827 | LVC            | 74LVCH16827A   | 74LVCH16827APV   | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16827 | LVC            | 74LVCH16827A   | 74LVCH16827APA   | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16827 | LVC            | 74LVCH16827A   | 74LVCH16827APF   | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16830 | ALVC           | 74ALVC16830    | 74ALVC16830DF    | DF      | TVSOP     | DBB    | 80   | Not Available  |           |                    |                                  |
| 16830 | ALVC           | 74ALVCH16830   | 74ALVCH16830DF   | DF      | TVSOP     | DBB    | 80   | Not Available  |           |                    |                                  |
| 16831 | ALVC           | 74ALVC16831    | 74ALVC16831DF    | DF      | TVSOP     | DBB    | 80   | Not Available  |           |                    |                                  |
| 16831 | ALVC           | 74ALVCH16831   | 74ALVCH16831DF   | DF      | TVSOP     | DBB    | 80   | SN74ALVCH16831 |           | SN74ALVCH16831DBBR |                                  |
| 16832 | ALVC           | 74ALVCH16832   | 74ALVCH16832PA   | PA      | TSSOP     | DGG    | 64   | SN74ALVCH16832 |           | SN74ALVCH16832DGGR |                                  |
| 16834 | ALVC           | 74ALVC16834    | 74ALVC16834PV    | PV      | SSOP      | DL     | 56   | SN74ALVC16834  |           | SN74ALVC16834DL    |                                  |
| 16834 | ALVC           | 74ALVC16834    | 74ALVC16834PA    | PA      | TSSOP     | DGG    | 56   | SN74ALVC16834  |           | SN74ALVC16834DGGR  |                                  |
| 16834 | ALVC           | 74ALVC16834    | 74ALVC16834PF    | PF      | TVSOP     | DGV    | 56   | SN74ALVC16834  |           | SN74ALVC16834DGVR  |                                  |
| 16835 | ALVC           | 74ALVC16835    | 74ALVC16835PV    | PV      | SSOP      | DL     | 56   | SN74ALVC16835  |           | SN74ALVC16835DL    |                                  |
| 16835 | ALVC           | 74ALVC16835    | 74ALVC16835PA    | PA      | TSSOP     | DGG    | 56   | SN74ALVC16835  |           | SN74ALVC16835DGGR  |                                  |
| 16835 | ALVC           | 74ALVC16835    | 74ALVC16835PF    | PF      | TVSOP     | DGV    | 56   | SN74ALVC16835  |           | SN74ALVC16835DGVR  |                                  |
| 16835 | ALVC           | 74ALVCH16835   | 74ALVCH16835PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16835 |           | SN74ALVCH16835DL   |                                  |
| 16835 | ALVC           | 74ALVCH16835   | 74ALVCH16835PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16835 |           | SN74ALVCH16835DGGR |                                  |
| 16835 | ALVC           | 74ALVCH16835   | 74ALVCH16835PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16835 |           | SN74ALVCH16835DGVR |                                  |
| 16836 | ALVC           | 74ALVC16836    | 74ALVC16836PV    | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16836 | ALVC           | 74ALVC16836    | 74ALVC16836PA    | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16836 | ALVC           | 74ALVC16836    | 74ALVC16836PF    | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16836 | ALVC           | 74ALVCH16836   | 74ALVCH16836PV   | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16836 | ALVC           | 74ALVCH16836   | 74ALVCH16836PA   | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16836 | ALVC           | 74ALVCH16836   | 74ALVCH16836PF   | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16841 | ALVC           | 74ALVC16841    | 74ALVC16841PV    | PV      | SSOP      | DL     | 56   | Not Available  |           |                    |                                  |
| 16841 | ALVC           | 74ALVC16841    | 74ALVC16841PA    | PA      | TSSOP     | DGG    | 56   | Not Available  |           |                    |                                  |
| 16841 | ALVC           | 74ALVC16841    | 74ALVC16841PF    | PF      | TVSOP     | DGV    | 56   | Not Available  |           |                    |                                  |
| 16841 | ALVC           | 74ALVCH16841   | 74ALVCH16841PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16841 |           | SN74ALVCH16841DL   |                                  |

| Root   | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN   | FCT Speed | TI Orderable PN    | TI Comments                            |
|--------|----------------|----------------|------------------|---------|-----------|--------|------|-----------------|-----------|--------------------|--|
| 16841  | ALVC           | 74ALVCH16841   | 74ALVCH16841PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16841  |           | SN74ALVCH16841DGGR |  |
| 16841  | ALVC           | 74ALVCH16841   | 74ALVCH16841PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16841  |           | Not Available      | This package                           |
| 16841  | FCT            | 74FCT16841T    | 74FCT16841TE     | E       | CERPACK   | WD     | 56   | CY74FCT16841T   | A, C      | Not Available      | Commercial ceramic not available       |
| 16841  | FCT            | 74FCT16841T    | 74FCT16841TPV    | PV      | SSOP      | DL     | 56   | CY74FCT16841T   | A, C      |                    |  |
| 16841  | FCT            | 74FCT16841T    | 74FCT16841TPA    | PA      | TSSOP     | DGG    | 56   | CY74FCT16841T   | A, C      |                    |  |
| 16841  | LVC            | 74LVC16841A    | 74LVC16841APV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |  |
| 16841  | LVC            | 74LVC16841A    | 74LVC16841APA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |  |
| 16841  | LVC            | 74LVC16841A    | 74LVC16841APF    | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |  |
| 16843  | ALVC           | 74ALVCH16843   | 74ALVCH16843PV   | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |  |
| 16843  | ALVC           | 74ALVCH16843   | 74ALVCH16843PA   | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |  |
| 16843  | ALVC           | 74ALVCH16843   | 74ALVCH16843PF   | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |  |
| 16857  | SSTV           | 74SSTV16857    | 74SSTV16857PA    | PA      | TSSOP     | DGG    | 48   | SN74SSTV16857   |           | SN74SSTV16857DGGR  |  |
| 16863  | ALVC           | 74ALVCH16863   | 74ALVCH16863PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16863  |           | SN74ALVCH16863DL   |  |
| 16863  | ALVC           | 74ALVCH16863   | 74ALVCH16863PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16863  |           | SN74ALVCH16863DGGR |  |
| 16863  | ALVC           | 74ALVCH16863   | 74ALVCH16863PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16863  |           | Not Available      | This package                           |
| 16901  | ALVC           | 74ALVCH16901   | 74ALVCH16901PA   | PA      | TSSOP     | DGG    | 64   | SN74ALVCH16901  |           | SN74ALVCH16901DGGR |  |
| 16901  | LVC            | 74LVC16901A    | 74LVC16901APA    | PA      | TSSOP     | DGG    | 64   | Not Available   |           |                    |  |
| 16901  | LVC            | 74LVC16901A    | 74LVC16901APV    | PV      | SSOP      | DL     | 56   | SN74LVC16901    |           | SN74LVC16901DGGR   |  |
| 16903  | ALVC           | 74ALVCH16903   | 74ALVCH16903PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16903  |           | SN74ALVCH16903DL   |  |
| 16903  | ALVC           | 74ALVCH16903   | 74ALVCH16903PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16903  |           | SN74ALVCH16903DGGR |  |
| 16903  | ALVC           | 74ALVCH16903   | 74ALVCH16903PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16903  |           | SN74ALVCH16903DGVR |  |
| 16952  | ALVC           | 74ALVCH16952   | 74ALVCH16952PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH16952  |           | SN74ALVCH16952DL   |  |
| 16952  | ALVC           | 74ALVCH16952   | 74ALVCH16952PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH16952  |           | SN74ALVCH16952DGGR |  |
| 16952  | ALVC           | 74ALVCH16952   | 74ALVCH16952PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH16952  |           | SN74ALVCH16952DGVR |  |
| 16952  | FCT            | 74FCT16952T    | 74FCT16952TE     | E       | CERPACK   | WD     | 56   | CY74FCT16952T   | A, C      | Not Available      | Commercial ceramic not available       |
| 16952  | FCT            | 74FCT16952T    | 74FCT16952TPV    | PV      | SSOP      | DL     | 56   | CY74FCT16952T   | A, C      |                    |  |
| 16952  | FCT            | 74FCT16952T    | 74FCT16952TPA    | PA      | TSSOP     | DGG    | 56   | CY74FCT16952T   | A, C      |                    |  |
| 16952  | LVC            | 74LVC16952A    | 74LVC16952APV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    | SN74LVC16952A is similar with bus-hold |
| 16952  | LVC            | 74LVC16952A    | 74LVC16952APA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    | SN74LVC16952A is similar with bus-hold |
| 16952  | LVC            | 74LVC16952A    | 74LVC16952APF    | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    | SN74LVC16952A is similar with bus-hold |
| 16952  | LVC            | 74LVC16952A    | 74LVC16952APV    | PV      | SSOP      | DL     | 56   | SN74LVC16952A   |           | SN74LVC16952ADL    |  |
| 16952  | LVC            | 74LVC16952A    | 74LVC16952APA    | PA      | TSSOP     | DGG    | 56   | SN74LVC16952A   |           | SN74LVC16952ADGGR  |  |
| 16952  | LVC            | 74LVC16952A    | 74LVC16952APF    | PF      | TVSOP     | DGV    | 56   | SN74LVC16952A   |           | SN74LVC16952ADGVR  |  |
| 16952  | LVC            | 74LVCHR16952A  | 74LVCHR16952APV  | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |  |
| 16952  | LVC            | 74LVCHR16952A  | 74LVCHR16952APA  | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |  |
| 16952  | LVC            | 74LVCHR16952A  | 74LVCHR16952APF  | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |  |
| 16952  | LVC            | 74LVCR16952A   | 74LVCR16952APV   | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |  |
| 16952  | LVC            | 74LVCR16952A   | 74LVCR16952APA   | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |  |
| 16952  | LVC            | 74LVCR16952A   | 74LVCR16952APF   | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |  |
| 32244  | LVC            | 74LVCH32244A   | 74LVCH32244ABF   | BF      | FPBGA     | GKE    | 96   | SN74LVCH32244A  |           | SN74LVCH32244AGKER |  |
| 32245  | LVC            | 74LVCH32245A   | 74LVCH32245ABF   | BF      | FPBGA     | GKE    | 96   | SN74LVCH32245A  |           | SN74LVCH32245AGKER |  |
| 32373  | LVC            | 74LVCH32373A   | 74LVCH32373ABF   | BF      | FPBGA     | GKE    | 96   | SN74LVCH32373A  |           | SN74LVCH32373AGKER |  |
| 32374  | LVC            | 74LVCH32374A   | 74LVCH32374ABF   | BF      | FPBGA     | GKE    | 96   | SN74LVCH32374A  |           | SN74LVCH32374AGKER |  |
| 32501  | LVC            | 74LVCH32501A   | 74LVCH32501A     | BF      | FPBGA     | GKF    | 114  | Not Available   |           |                    |  |
| 162240 | FCT            | 74FCT162240T   | 74FCT162240TPV   | PV      | SSOP      | DL     | 48   | CY74FCT162240T  | C         |                    |  |
| 162240 | FCT            | 74FCT162240T   | 74FCT162240TPA   | PA      | TSSOP     | DGG    | 48   | CY74FCT162240T  | C         |                    |  |
| 162244 | ALVC           | 74ALVC162244   | 74ALVC162244PV   | PV      | SSOP      | DL     | 48   | Not Available   |           |                    |  |
| 162244 | ALVC           | 74ALVC162244   | 74ALVC162244PA   | PA      | TSSOP     | DGG    | 48   | Not Available   |           |                    |  |
| 162244 | ALVC           | 74ALVC162244   | 74ALVC162244PF   | PF      | TVSOP     | DGV    | 48   | Not Available   |           |                    |  |
| 162244 | ALVC           | 74ALVCH162244  | 74ALVCH162244PV  | PV      | SSOP      | DL     | 48   | SN74ALVCH162244 |           | SN74ALVCH162244DL  |  |
| 162244 | ALVC           | 74ALVCH162244  | 74ALVCH162244PA  | PA      | TSSOP     | DGG    | 48   | SN74ALVCH162244 |           | SN74ALVCH162244GR  |  |
| 162244 | ALVC           | 74ALVCH162244  | 74ALVCH162244PF  | PF      | TVSOP     | DGV    | 48   | SN74ALVCH162244 |           | Not Available      | This Package                           |

| Root   | IDT Technology | IDT Generic PN  | IDT Orderable PN  | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN    | FCT Speed | TI Orderable PN    | TI Comments                              |
|--------|----------------|-----------------|-------------------|---------|-----------|--------|------|------------------|-----------|--------------------|--|
| 162244 | FCT            | 74FCT162244T    | 74FCT162244TE     | E       | CERPACK   | WD     | 48   | CY74FCT162244T   | A, C, X   | Not Available      | Commercial ceramic not available         |
| 162244 | FCT            | 74FCT162244T    | 74FCT162244TPV    | PV      | SSOP      | DL     | 48   | CY74FCT162244T   | A, C, X   |                    |  |
| 162244 | FCT            | 74FCT162244T    | 74FCT162244TPA    | PA      | TSSOP     | DGG    | 48   | CY74FCT162244T   | A, C, X   |                    |  |
| 162244 | FCT            | 74FCT162244T    | 74FCT162244TPF    | PF      | TVSOP     | DGV    | 48   | CY74FCT162244T   | A, C, X   |                    |  |
| 162244 | LVC            | 74LVC162244A    | 74LVC162244APV    | PV      | SSOP      | DL     | 48   | SN74LVC162244A   |           | SN74LVC162244ADL   |  |
| 162244 | LVC            | 74LVC162244A    | 74LVC162244APA    | PA      | TSSOP     | DGG    | 48   | SN74LVC162244A   |           | SN74LVC162244ADGGR |  |
| 162244 | LVC            | 74LVC162244A    | 74LVC162244APF    | PF      | TVSOP     | DGV    | 48   | SN74LVC162244A   |           | SN74LVC162244ADGVR |  |
| 162244 | LVC            | 74LVCH162244A   | 74LVCH162244APV   | PV      | SSOP      | DL     | 48   | SN74LVCH162244A  |           | SN74LVCH162244ADL  |  |
| 162244 | LVC            | 74LVCH162244A   | 74LVCH162244APA   | PA      | TSSOP     | DGG    | 48   | SN74LVCH162244A  |           | SN74LVCH162244AGR  |  |
| 162244 | LVC            | 74LVCH162244A   | 74LVCH162244APF   | PF      | TVSOP     | DGV    | 48   | SN74LVCH162244A  |           | SN74LVCH162244AVR  |  |
| 162245 | ALVC           | 74ALVC162245    | 74ALVC162245PV    | PV      | SSOP      | DL     | 48   | Not Available    |           |                    |  |
| 162245 | ALVC           | 74ALVC162245    | 74ALVC162245PA    | PA      | TSSOP     | DGG    | 48   | Not Available    |           |                    |  |
| 162245 | ALVC           | 74ALVC162245    | 74ALVC162245PF    | PF      | TVSOP     | DGV    | 48   | Not Available    |           |                    |  |
| 162245 | ALVC           | 74ALVCH162245   | 74ALVCH162245PV   | PV      | SSOP      | DL     | 48   | Not Available    |           |                    |  |
| 162245 | ALVC           | 74ALVCH162245   | 74ALVCH162245PA   | PA      | TSSOP     | DGG    | 48   | Not Available    |           |                    |  |
| 162245 | ALVC           | 74ALVCH162245   | 74ALVCH162245PF   | PF      | TVSOP     | DGV    | 48   | Not Available    |           |                    |  |
| 162245 | ALVC           | 74ALVCHR162245  | 74ALVCHR162245PV  | PV      | SSOP      | DL     | 48   | SN74ALVCHR162245 |           | SN74ALVCHR162245DL |  |
| 162245 | ALVC           | 74ALVCHR162245  | 74ALVCHR162245PA  | PA      | TSSOP     | DGG    | 48   | SN74ALVCHR162245 |           | Not Available      | This package                             |
| 162245 | ALVC           | 74ALVCHR162245  | 74ALVCHR162245PF  | PF      | TVSOP     | DGV    | 48   | SN74ALVCHR162245 |           | Not Available      | This package                             |
| 162245 | FCT            | 74FCT162245T    | 74FCT162245TE     | E       | CERPACK   | WD     | 48   | CY74FCT162245T   | A, C, X   | Not Available      | Commercial ceramic not available         |
| 162245 | FCT            | 74FCT162245T    | 74FCT162245TPV    | PV      | SSOP      | DL     | 48   | CY74FCT162245T   | A, C, X   |                    |  |
| 162245 | FCT            | 74FCT162245T    | 74FCT162245TPA    | PA      | TSSOP     | DGG    | 48   | CY74FCT162245T   | A, C, X   |                    |  |
| 162245 | FCT            | 74FCT162245T    | 74FCT162245TPF    | PF      | TVSOP     | DGV    | 48   | CY74FCT162245T   | A, C, X   |                    |  |
| 162245 | LVC            | 74LVC162245A    | 74LVC162245APV    | PV      | SSOP      | DL     | 48   | Not Available    |           |                    |  |
| 162245 | LVC            | 74LVC162245A    | 74LVC162245APA    | PA      | TSSOP     | DGG    | 48   | Not Available    |           |                    |  |
| 162245 | LVC            | 74LVC162245A    | 74LVC162245APF    | PF      | TVSOP     | DGV    | 48   | Not Available    |           |                    |  |
| 162245 | LVC            | 74LVCH162245A   | 74LVCH162245APV   | PV      | SSOP      | DL     | 48   | SN74LVCH162245A  |           | SN74LVCH162245ADL  |  |
| 162245 | LVC            | 74LVCH162245A   | 74LVCH162245APA   | PA      | TSSOP     | DGG    | 48   | SN74LVCH162245A  |           | SN74LVCH162245AGR  |  |
| 162245 | LVC            | 74LVCHR162245A  | 74LVCHR162245APV  | PV      | SSOP      | DL     | 48   | SN74LVCHR162245A |           | Not Available      | This Package                             |
| 162245 | LVC            | 74LVCHR162245A  | 74LVCHR162245APA  | PA      | TSSOP     | DGG    | 48   | SN74LVCHR162245A |           | Not Available      | SN74LVCHR162245 is similar with bus-hold |
| 162245 | LVC            | 74LVCHR162245A  | 74LVCHR162245APF  | PF      | TVSOP     | DGV    | 48   | SN74LVCHR162245A |           | Not Available      | SN74LVCHR162245 is similar with bus-hold |
| 162245 | LVC            | 74LVCR162245A   | 74LVCR162245APV   | PV      | SSOP      | DL     | 48   | Not Available    |           |                    | SN74LVCR162245 is similar with bus-hold  |
| 162245 | LVC            | 74LVCR162245A   | 74LVCR162245APA   | PA      | TSSOP     | DGG    | 48   | Not Available    |           |                    | SN74LVCR162245 is similar with bus-hold  |
| 162245 | LVC            | 74LVCR162245A   | 74LVCR162245APF   | PF      | TVSOP     | DGV    | 48   | Not Available    |           |                    | SN74LVCR162245 is similar with bus-hold  |
| 162260 | ALVC           | 74ALVCH162260   | 74ALVCH162260PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH162260  |           | SN74ALVCH162260DL  |  |
| 162260 | ALVC           | 74ALVCH162260   | 74ALVCH162260PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH162260  |           | SN74ALVCH162260GR  |  |
| 162260 | ALVC           | 74ALVCH162260   | 74ALVCH162260PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH162260  |           | Not Available      | This package                             |
| 162260 | FCT            | 74FCT162260T    | 74FCT162260TE     | E       | CERPACK   | WD     | 56   | Not Available    |           |                    |  |
| 162260 | FCT            | 74FCT162260T    | 74FCT162260TPV    | PV      | SSOP      | DL     | 56   | Not Available    |           |                    |  |
| 162260 | FCT            | 74FCT162260T    | 74FCT162260TPA    | PA      | TSSOP     | DGG    | 56   | Not Available    |           |                    |  |
| 162268 | ALVC           | 74ALVC162268    | 74ALVC162268PV    | PV      | SSOP      | DL     | 56   | Not Available    |           |                    |  |
| 162268 | ALVC           | 74ALVC162268    | 74ALVC162268PA    | PA      | TSSOP     | DGG    | 56   | Not Available    |           |                    |  |
| 162268 | ALVC           | 74ALVC162268    | 74ALVC162268PF    | PF      | TVSOP     | DGV    | 56   | Not Available    |           |                    |  |
| 162268 | ALVC           | 74ALVCH162268   | 74ALVCH162268PV   | PV      | SSOP      | DL     | 56   | SN74ALVCH162268  |           | SN74ALVCH162268DL  |  |
| 162268 | ALVC           | 74ALVCH162268   | 74ALVCH162268PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVCH162268  |           | SN74ALVCH162268GR  |  |
| 162268 | ALVC           | 74ALVCH162268   | 74ALVCH162268PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVCH162268  |           | Not Available      | This package                             |
| 162269 | ALVC           | 74ALVCHR162269A | 74ALVCHR162269APV | PV      | SSOP      | DL     | 56   | SN74ALVCHR162269 |           | Not Available      | This package                             |
| 162269 | ALVC           | 74ALVCHR162269A | 74ALVCHR162269APA | PA      | TSSOP     | DGG    | 56   | SN74ALVCHR162269 |           | Not Available      | This package                             |
| 162269 | ALVC           | 74ALVCHR162269A | 74ALVCHR162269APF | PF      | TVSOP     | DGV    | 56   | SN74ALVCHR162269 |           | Not Available      | This package                             |
| 162280 | ALVC           | 74ALVCHG162280  | 74ALVCHG162280DF  | DF      | TVSOP     | DBB    | 80   | SN74ALVCHG162280 |           | Not Available      | This package                             |
| 162282 | ALVC           | 74ALVCHG162282  | 74ALVCHG162282DF  | DF      | TVSOP     | DBB    | 80   | SN74ALVCHG162282 |           | SN74ALVCHG162282GR |  |
| 162334 | ALVC           | 74ALVC162334    | 74ALVC162334PV    | PV      | SSOP      | DL     | 48   | SN74ALVC162334   |           | SN74ALVC162334DL   |  |

| Root   | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN   | FCT Speed | TI Orderable PN    | TI Comments                      |
|--------|----------------|----------------|------------------|---------|-----------|--------|------|-----------------|-----------|--------------------|----------------------------------|
| 162334 | ALVC           | 74ALVC162334   | 74ALVC162334PA   | PA      | TSSOP     | DGG    | 48   | SN74ALVC162334  |           | SN74ALVC162334DGGR |                                  |
| 162334 | ALVC           | 74ALVC162334   | 74ALVC162334PF   | PF      | TVSOP     | DGV    | 48   | SN74ALVC162334  |           | SN74ALVC162334DGVR |                                  |
| 162334 | ALVC           | 74ALVCH162334  | 74ALVCH162334PV  | PV      | SSOP      | DL     | 48   | SN74ALVCH162334 |           | SN74ALVCH162334DL  |                                  |
| 162334 | ALVC           | 74ALVCH162334  | 74ALVCH162334PA  | PA      | TSSOP     | DGG    | 48   | SN74ALVCH162334 |           | SN74ALVCH162334GR  |                                  |
| 162334 | ALVC           | 74ALVCH162334  | 74ALVCH162334PF  | PF      | TVSOP     | DGV    | 48   | SN74ALVCH162334 |           | SN74ALVCH162334VR  |                                  |
| 162334 | ALVC           | 74ALVCH162334  | 74ALVCH162334PV  | PV      | SSOP      | DL     | 48   | SN74ALVCH162334 |           | SN74ALVCH162334DL  |                                  |
| 162344 | ALVC           | 74ALVC162344   | 74ALVC162344PV   | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                                  |
| 162344 | ALVC           | 74ALVC162344   | 74ALVC162344PA   | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                                  |
| 162344 | ALVC           | 74ALVC162344   | 74ALVC162344PF   | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                                  |
| 162344 | ALVC           | 74ALVCH162344  | 74ALVCH162344PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162344 |           | SN74ALVCH162344DLR |                                  |
| 162344 | ALVC           | 74ALVCH162344  | 74ALVCH162344PA  | PA      | TSSOP     | DGG    | 56   | SN74ALVCH162344 |           | SN74ALVCH162344GR  |                                  |
| 162344 | ALVC           | 74ALVCH162344  | 74ALVCH162344PF  | PF      | TVSOP     | DGV    | 56   | SN74ALVCH162344 |           | SN74ALVCH162344VR  |                                  |
| 162344 | ALVC           | 74ALVCH162344  | 74ALVCH162344PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162344 |           | SN74ALVCH162344DL  |                                  |
| 162344 | FCT            | 74FCT162344T   | 74FCT162344TE    | E       | CERPACK   | WD     | 56   | Not Available   |           |                    |                                  |
| 162344 | FCT            | 74FCT162344T   | 74FCT162344TPV   | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                                  |
| 162344 | FCT            | 74FCT162344T   | 74FCT162344TPA   | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                                  |
| 162344 | FCT            | 74FCT162344T   | 74FCT162344TPF   | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                                  |
| 162373 | ALVC           | 74ALVCH162373  | 74ALVCH162373PV  | PV      | SSOP      | DL     | 48   | Not Available   |           |                    |                                  |
| 162373 | ALVC           | 74ALVCH162373  | 74ALVCH162373PA  | PA      | TSSOP     | DGG    | 48   | Not Available   |           |                    |                                  |
| 162373 | ALVC           | 74ALVCH162373  | 74ALVCH162373PF  | PF      | TVSOP     | DGV    | 48   | Not Available   |           |                    |                                  |
| 162373 | FCT            | 74FCT162373T   | 74FCT162373TE    | E       | CERPACK   | WD     | 48   | CY74FCT162373T  | A, C      | Not Available      | Commercial ceramic not available |
| 162373 | FCT            | 74FCT162373T   | 74FCT162373TPV   | PV      | SSOP      | DL     | 48   | CY74FCT162373T  | A, C      |                    |                                  |
| 162373 | FCT            | 74FCT162373T   | 74FCT162373TPA   | PA      | TSSOP     | DGG    | 48   | CY74FCT162373T  | A, C      |                    |                                  |
| 162373 | FCT            | 74FCT162373T   | 74FCT162373TPF   | PF      | TVSOP     | DGV    | 48   | CY74FCT162373T  | A, C      |                    |                                  |
| 162373 | LVC            | 74LVCH162373A  | 74LVCH162373APV  | PV      | SSOP      | DL     | 48   | Not Available   |           |                    |                                  |
| 162373 | LVC            | 74LVCH162373A  | 74LVCH162373APA  | PA      | TSSOP     | DGG    | 48   | Not Available   |           |                    |                                  |
| 162373 | LVC            | 74LVCH162373A  | 74LVCH162373APF  | PF      | TVSOP     | DGV    | 48   | Not Available   |           |                    |                                  |
| 162374 | ALVC           | 74ALVCH162374  | 74ALVCH162374PV  | PV      | SSOP      | DL     | 48   | SN74ALVCH162374 |           | SN74ALVCH162374DL  |                                  |
| 162374 | ALVC           | 74ALVCH162374  | 74ALVCH162374PA  | PA      | TSSOP     | DGG    | 48   | SN74ALVCH162374 |           | SN74ALVCH162374GR  |                                  |
| 162374 | ALVC           | 74ALVCH162374  | 74ALVCH162374PF  | PF      | TVSOP     | DGV    | 48   | SN74ALVCH162374 |           | Not Available      | This package                     |
| 162374 | FCT            | 74FCT162374T   | 74FCT162374TE    | E       | CERPACK   | WD     | 48   | CY74FCT162374T  | A, C, X   | Not Available      | Commercial ceramic not available |
| 162374 | FCT            | 74FCT162374T   | 74FCT162374TPV   | PV      | SSOP      | DL     | 48   | CY74FCT162374T  | A, C, X   |                    |                                  |
| 162374 | FCT            | 74FCT162374T   | 74FCT162374TPA   | PA      | TSSOP     | DGG    | 48   | CY74FCT162374T  | A, C, X   |                    |                                  |
| 162374 | FCT            | 74FCT162374T   | 74FCT162374TPF   | PF      | TVSOP     | DGV    | 48   | CY74FCT162374T  | A, C, X   |                    |                                  |
| 162374 | LVC            | 74LVC162374A   | 74LVC162374APV   | PV      | SSOP      | DL     | 48   | Not Available   |           |                    |                                  |
| 162374 | LVC            | 74LVC162374A   | 74LVC162374APA   | PA      | TSSOP     | DGG    | 48   | Not Available   |           |                    |                                  |
| 162374 | LVC            | 74LVC162374A   | 74LVC162374APF   | PF      | TVSOP     | DGV    | 48   | Not Available   |           |                    |                                  |
| 162374 | LVC            | 74LVCH162374A  | 74LVCH162374APV  | PV      | SSOP      | DL     | 48   | Not Available   |           |                    |                                  |
| 162374 | LVC            | 74LVCH162374A  | 74LVCH162374APA  | PA      | TSSOP     | DGG    | 48   | Not Available   |           |                    |                                  |
| 162374 | LVC            | 74LVCH162374A  | 74LVCH162374APF  | PF      | TVSOP     | DGV    | 48   | Not Available   |           |                    |                                  |
| 162500 | FCT            | 74FCT162500T   | 74FCT162500TE    | E       | CERPACK   | WD     | 56   | CY74FCT162500T  | A, C      | Not Available      | Commercial ceramic not available |
| 162500 | FCT            | 74FCT162500T   | 74FCT162500TPV   | PV      | SSOP      | DL     | 56   | CY74FCT162500T  | A, C      |                    |                                  |
| 162500 | FCT            | 74FCT162500T   | 74FCT162500TPA   | PA      | TSSOP     | DGG    | 56   | CY74FCT162500T  | A, C      |                    |                                  |
| 162501 | FCT            | 74FCT162501T   | 74FCT162501TE    | E       | CERPACK   | WD     | 56   | CY74FCT162501T  | A, C      | Not Available      | Commercial ceramic not available |
| 162501 | FCT            | 74FCT162501T   | 74FCT162501TPV   | PV      | SSOP      | DL     | 56   | CY74FCT162501T  | A, C      |                    |                                  |
| 162501 | FCT            | 74FCT162501T   | 74FCT162501TPA   | PA      | TSSOP     | DGG    | 56   | CY74FCT162501T  | A, C      |                    |                                  |
| 162501 | FCT            | 74FCT162501T   | 74FCT162501TPF   | PF      | TVSOP     | DGV    | 56   | CY74FCT162501T  | A, C      |                    |                                  |
| 162511 | FCT            | 74FCT162511T   | 74FCT162511TE    | E       | CERPACK   | WD     | 56   | Not Available   |           |                    |                                  |
| 162511 | FCT            | 74FCT162511T   | 74FCT162511TPV   | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                                  |
| 162511 | FCT            | 74FCT162511T   | 74FCT162511TPA   | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                                  |
| 162525 | ALVC           | 74ALVCH162525  | 74ALVCH162525PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162525 |           | SN74ALVCH162525DL  |                                  |
| 162525 | ALVC           | 74ALVCH162525  | 74ALVCH162525PA  | PA      | TSSOP     | DGG    | 56   | SN74ALVCH162525 |           | SN74ALVCH162525GR  |                                  |

| Root   | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN   | FCT Speed | TI Orderable PN   | TI Comments                      |
|--------|----------------|----------------|------------------|---------|-----------|--------|------|-----------------|-----------|-------------------|----------------------------------|
| 162525 | ALVC           | 74ALVCH162525  | 74ALVCH162525PF  | PF      | TVSOP     | DGV    | 56   | SN74ALVCH162525 |           | Not Available     | This package                     |
| 162543 | FCT            | 74FCT162543T   | 74FCT162543TE    | E       | CERPACK   | WD     | 56   | CY74FCT162543T  | A, C, X   | Not Available     | Commercial ceramic not available |
| 162543 | FCT            | 74FCT162543T   | 74FCT162543TPV   | PV      | SSOP      | DL     | 56   | CY74FCT162543T  | A, C, X   |                   |                                  |
| 162543 | FCT            | 74FCT162543T   | 74FCT162543TPA   | PA      | TSSOP     | DGG    | 56   | CY74FCT162543T  | A, C, X   |                   |                                  |
| 162543 | FCT            | 74FCT162543T   | 74FCT162543TPF   | PF      | TVSOP     | DGV    | 56   | CY74FCT162543T  | A, C, X   |                   |                                  |
| 162601 | ALVC           | 74ALVCH162601  | 74ALVCH162601PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162601 |           | SN74ALVCH162601DL |                                  |
| 162601 | ALVC           | 74ALVCH162601  | 74ALVCH162601PA  | PA      | TSSOP     | DGG    | 56   | SN74ALVCH162601 |           | SN74ALVCH162601GR |                                  |
| 162601 | ALVC           | 74ALVCH162601  | 74ALVCH162601PF  | PF      | TVSOP     | DGV    | 56   | SN74ALVCH162601 |           |                   |                                  |
| 162601 | FCT            | 74FCT162601T   | 74FCT162601TPV   | PV      | SSOP      | DL     | 56   | Not Available   |           |                   |                                  |
| 162601 | FCT            | 74FCT162601T   | 74FCT162601TPA   | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                   |                                  |
| 162646 | FCT            | 74FCT162646T   | 74FCT162646TE    | E       | CERPACK   | WD     | 56   | CY74FCT162646T  | A, C      | Not Available     | Commercial ceramic not available |
| 162646 | FCT            | 74FCT162646T   | 74FCT162646TPV   | PV      | SSOP      | DL     | 56   | CY74FCT162646T  | A, C      |                   |                                  |
| 162646 | FCT            | 74FCT162646T   | 74FCT162646TPA   | PA      | TSSOP     | DGG    | 56   | CY74FCT162646T  | A, C      |                   |                                  |
| 162646 | FCT            | 74FCT162646T   | 74FCT162646TPF   | PF      | TVSOP     | DGV    | 56   | CY74FCT162646T  | A, C      |                   |                                  |
| 162652 | FCT            | 74FCT162652T   | 74FCT162652TE    | E       | CERPACK   | WD     | 56   | CY74FCT162652T  | A, C      | Not Available     | Commercial ceramic not available |
| 162652 | FCT            | 74FCT162652T   | 74FCT162652TPV   | PV      | SSOP      | DL     | 56   | CY74FCT162652T  | A, C      |                   |                                  |
| 162652 | FCT            | 74FCT162652T   | 74FCT162652TPA   | PA      | TSSOP     | DGG    | 56   | CY74FCT162652T  | A, C      |                   |                                  |
| 162701 | FCT            | 74FCT162701T   | 74FCT162701TE    | E       | CERPACK   | WD     | 56   | Not Available   |           |                   |                                  |
| 162701 | FCT            | 74FCT162701T   | 74FCT162701TPV   | PV      | SSOP      | DL     | 56   | Not Available   |           |                   |                                  |
| 162701 | FCT            | 74FCT162701T   | 74FCT162701TPA   | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                   |                                  |
| 162721 | ALVC           | 74ALVCH162721  | 74ALVCH162721PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162721 |           | SN74ALVCH162721DL |                                  |
| 162721 | ALVC           | 74ALVCH162721  | 74ALVCH162721PA  | PA      | TSSOP     | DGG    | 56   | SN74ALVCH162721 |           | SN74ALVCH162721GR |                                  |
| 162721 | ALVC           | 74ALVCH162721  | 74ALVCH162721PF  | PF      | TVSOP     | DGV    | 56   | SN74ALVCH162721 |           | Not Available     | This package                     |
| 162721 | LVC            | 74LVCH162721A  | 74LVCH162721APV  | PV      | SSOP      | DL     | 56   | Not Available   |           |                   |                                  |
| 162721 | LVC            | 74LVCH162721A  | 74LVCH162721APA  | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                   |                                  |
| 162721 | LVC            | 74LVCH162721A  | 74LVCH162721APF  | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                   |                                  |
| 162820 | ALVC           | 74ALVCH162820  | 74ALVCH162820PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162820 |           | SN74ALVCH162820DL |                                  |
| 162820 | ALVC           | 74ALVCH162820  | 74ALVCH162820PA  | PA      | TSSOP     | DGG    | 56   | SN74ALVCH162820 |           | SN74ALVCH162820GR |                                  |
| 162820 | ALVC           | 74ALVCH162820  | 74ALVCH162820PF  | PF      | TVSOP     | DGV    | 56   | SN74ALVCH162820 |           | Not Available     | This package                     |
| 162821 | ALVC           | 74ALVCH162821  | 74ALVCH162821PV  | PV      | SSOP      | DL     | 56   | Not Available   |           |                   |                                  |
| 162821 | ALVC           | 74ALVCH162821  | 74ALVCH162821PA  | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                   |                                  |
| 162821 | ALVC           | 74ALVCH162821  | 74ALVCH162821PF  | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                   |                                  |
| 162823 | FCT            | 74FCT162823T   | 74FCT162823TE    | E       | CERPACK   | WD     | 56   | CY74FCT162823T  | A, C      | Not Available     | Commercial ceramic not available |
| 162823 | FCT            | 74FCT162823T   | 74FCT162823TPV   | PV      | SSOP      | DL     | 56   | CY74FCT162823T  | A, C      |                   |                                  |
| 162823 | FCT            | 74FCT162823T   | 74FCT162823TPA   | PA      | TSSOP     | DGG    | 56   | CY74FCT162823T  | A, C      |                   |                                  |
| 162823 | FCT            | 74FCT162823T   | 74FCT162823TPF   | PF      | TVSOP     | DGV    | 56   | CY74FCT162823T  | A, C      |                   |                                  |
| 162823 | LVC            | 74LVCH162823A  | 74LVCH162823APV  | PV      | SSOP      | DL     | 56   | Not Available   |           |                   |                                  |
| 162823 | LVC            | 74LVCH162823A  | 74LVCH162823APA  | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                   |                                  |
| 162823 | LVC            | 74LVCH162823A  | 74LVCH162823APF  | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                   |                                  |
| 162825 | ALVC           | 74ALVCH162825  | 74ALVCH162825PV  | PV      | SSOP      | DL     | 56   | Not Available   |           |                   |                                  |
| 162825 | ALVC           | 74ALVCH162825  | 74ALVCH162825PA  | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                   |                                  |
| 162825 | ALVC           | 74ALVCH162825  | 74ALVCH162825PF  | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                   |                                  |
| 162827 | ALVC           | 74ALVCH162827  | 74ALVCH162827PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162827 |           | SN74ALVCH162827DL |                                  |
| 162827 | ALVC           | 74ALVCH162827  | 74ALVCH162827PA  | PA      | TSSOP     | DGG    | 56   | SN74ALVCH162827 |           | SN74ALVCH162827GR |                                  |
| 162827 | ALVC           | 74ALVCH162827  | 74ALVCH162827PF  | PF      | TVSOP     | DGV    | 56   | SN74ALVCH162827 |           | SN74ALVCH162827VR |                                  |
| 162827 | ALVC           | 74ALVCH162827  | 74ALVCH162827PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162827 |           | SN74ALVCH162827DL |                                  |
| 162827 | FCT            | 74FCT162827T   | 74FCT162827TE    | E       | CERPACK   | WD     | 56   | CY74FCT162827T  | A, B, C   | Not Available     | Commercial ceramic not available |
| 162827 | FCT            | 74FCT162827T   | 74FCT162827TPV   | PV      | SSOP      | DL     | 56   | CY74FCT162827T  | A, B, C   |                   |                                  |
| 162827 | FCT            | 74FCT162827T   | 74FCT162827TPA   | PA      | TSSOP     | DGG    | 56   | CY74FCT162827T  | A, B, C   |                   |                                  |
| 162827 | FCT            | 74FCT162827T   | 74FCT162827TPF   | PF      | TVSOP     | DGV    | 56   | CY74FCT162827T  | A, B, C   |                   |                                  |
| 162827 | LVC            | 74LVC162827A   | 74LVC162827APV   | PV      | SSOP      | DL     | 48   | Not Available   |           |                   |                                  |
| 162827 | LVC            | 74LVC162827A   | 74LVC162827APA   | PA      | TSSOP     | DGG    | 48   | Not Available   |           |                   |                                  |

| Root   | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN    | FCT Speed | TI Orderable PN    | TI Comments                      |
|--------|----------------|----------------|------------------|---------|-----------|--------|------|------------------|-----------|--------------------|----------------------------------|
| 162827 | LVC            | 74LVC162827A   | 74LVC162827APF   | PF      | TVSOP     | DGV    | 48   | Not Available    |           |                    |                                  |
| 162830 | ALVC           | 74ALVC162830   | 74ALVC162830DF   | DF      | TVSOP     | DBB    | 80   | Not Available    |           |                    |                                  |
| 162830 | ALVC           | 74ALVCH162830  | 74ALVCH162830DF  | DF      | TVSOP     | DBB    | 80   | SN74ALVCH162830  |           | SN74ALVCH162830GR  |                                  |
| 162830 | ALVC           | 74ALVCHS162830 | 74ALVCHS162830DF | DF      | TVSOP     | DBB    | 80   | SN74ALVCHS162830 |           | SN74ALVCHS162830GR |                                  |
| 162831 | ALVC           | 74ALVC162831   | 74ALVC162831DF   | DF      | TVSOP     | DBB    | 80   | SN74ALVC162831   |           | SN74ALVC162831DBBR |                                  |
| 162831 | ALVC           | 74ALVCH162831  | 74ALVCH162831DF  | DF      | TVSOP     | DBB    | 80   | SN74ALVCH162831  |           | SN74ALVCH162831GR  |                                  |
| 162832 | ALVC           | 74ALVC162832   | 74ALVCH162832PA  | PA      | TSSOP     | DGG    | 64   | SN74ALVCH162832  |           | SN74ALVCH162832GR  |                                  |
| 162834 | ALVC           | 74ALVC162834   | 74ALVC162834PV   | PV      | SSOP      | DL     | 56   | SN74ALVC162834   |           | SN74ALVC162834DLR  |                                  |
| 162834 | ALVC           | 74ALVC162834   | 74ALVC162834PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVC162834   |           | SN74ALVC162834GR   |                                  |
| 162834 | ALVC           | 74ALVC162834   | 74ALVC162834PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVC162834   |           | SN74ALVC162834VR   |                                  |
| 162834 | ALVC           | 74ALVC162834   | 74ALVC162834PV   | PV      | SSOP      | DL     | 56   | SN74ALVC162834   |           | SN74ALVC162834DL   |                                  |
| 162835 | ALVC           | 74ALVC162835   | 74ALVC162835PV   | PV      | SSOP      | DL     | 56   | SN74ALVC162835   |           | SN74ALVC162835DL   |                                  |
| 162835 | ALVC           | 74ALVC162835   | 74ALVC162835PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVC162835   |           | SN74ALVC162835DGGR |                                  |
| 162835 | ALVC           | 74ALVC162835   | 74ALVC162835PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVC162835   |           | SN74ALVC162835DGV  |                                  |
| 162835 | ALVC           | 74ALVCF162835A | 74ALVCF162835APV | PV      | SSOP      | DL     | 56   | Not Available    |           |                    |                                  |
| 162835 | ALVC           | 74ALVCF162835A | 74ALVCF162835APA | PA      | TSSOP     | DGG    | 56   | Not Available    |           |                    |                                  |
| 162835 | ALVC           | 74ALVCF162835A | 74ALVCF162835APF | PF      | TVSOP     | DGV    | 56   | Not Available    |           |                    |                                  |
| 162835 | ALVC           | 74ALVCH162835  | 74ALVCH162835PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162835  |           | SN74ALVCH162835DL  |                                  |
| 162835 | ALVC           | 74ALVCH162835  | 74ALVCH162835PA  | PA      | TSSOP     | DGG    | 56   | SN74ALVCH162835  |           | SN74ALVCH162835GR  |                                  |
| 162835 | ALVC           | 74ALVCH162835  | 74ALVCH162835PF  | PF      | TVSOP     | DGV    | 56   | SN74ALVCH162835  |           | SN74ALVCH162835VR  |                                  |
| 162835 | ALVC           | 74ALVCH162835  | 74ALVCH162835PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162835  |           | SN74ALVCH162835DL  |                                  |
| 162836 | ALVC           | 74ALVC162836   | 74ALVC162836PV   | PV      | SSOP      | DL     | 56   | SN74ALVC162836   |           | SN74ALVC162836DL   |                                  |
| 162836 | ALVC           | 74ALVC162836   | 74ALVC162836PA   | PA      | TSSOP     | DGG    | 56   | SN74ALVC162836   |           | SN74ALVC162836DGGR |                                  |
| 162836 | ALVC           | 74ALVC162836   | 74ALVC162836PF   | PF      | TVSOP     | DGV    | 56   | SN74ALVC162836   |           | SN74ALVC162836DGV  |                                  |
| 162836 | ALVC           | 74ALVCH162836  | 74ALVCH162836PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162836  |           | SN74ALVCH162836DL  |                                  |
| 162836 | ALVC           | 74ALVCH162836  | 74ALVCH162836PA  | PA      | TSSOP     | DGG    | 56   | SN74ALVCH162836  |           | SN74ALVCH162836GR  |                                  |
| 162836 | ALVC           | 74ALVCH162836  | 74ALVCH162836PF  | PF      | TVSOP     | DGV    | 56   | SN74ALVCH162836  |           | SN74ALVCH162836VR  |                                  |
| 162836 | ALVC           | 74ALVCH162836  | 74ALVCH162836PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162836  |           | SN74ALVCH162836DL  |                                  |
| 162841 | ALVC           | 74ALVCH162841  | 74ALVCH162841PV  | PV      | SSOP      | DL     | 56   | SN74ALVCH162841  |           | SN74ALVCH162841DL  |                                  |
| 162841 | ALVC           | 74ALVCH162841  | 74ALVCH162841PA  | PA      | TSSOP     | DGG    | 56   | SN74ALVCH162841  |           | SN74ALVCH162841GR  |                                  |
| 162841 | ALVC           | 74ALVCH162841  | 74ALVCH162841PF  | PF      | TVSOP     | DGV    | 56   | SN74ALVCH162841  |           | Not Available      | This package                     |
| 162841 | FCT            | 74FCT162841T   | 74FCT162841TE    | E       | CERPACK   | WD     | 56   | CY74FCT162841T   | C         | Not Available      | Commercial ceramic not available |
| 162841 | FCT            | 74FCT162841T   | 74FCT162841TPV   | PV      | SSOP      | DL     | 56   | CY74FCT162841T   | C         |                    |                                  |
| 162841 | FCT            | 74FCT162841T   | 74FCT162841TPA   | PA      | TSSOP     | DGG    | 56   | CY74FCT162841T   | C         |                    |                                  |
| 162952 | FCT            | 74FCT162952T   | 74FCT162952TE    | E       | CERPACK   | WD     | 56   | CY74FCT162952T   | A, B      | Not Available      | Commercial ceramic not available |
| 162952 | FCT            | 74FCT162952T   | 74FCT162952TPV   | PV      | SSOP      | DL     | 56   | CY74FCT162952T   | A, B      |                    |                                  |
| 162952 | FCT            | 74FCT162952T   | 74FCT162952TPA   | PA      | TSSOP     | DGG    | 56   | CY74FCT162952T   | A, B      |                    |                                  |
| 162952 | FCT            | 74FCT162952T   | 74FCT162952TPF   | PF      | TVSOP     | DGV    | 56   | CY74FCT162952T   | A, B      |                    |                                  |
| 163244 | FCT            | 74FCT163244    | 74FCT163244PV    | PV      | SSOP      | DL     | 48   | Not Available    |           |                    |                                  |
| 163244 | FCT            | 74FCT163244    | 74FCT163244PA    | PA      | TSSOP     | DGG    | 48   | Not Available    |           |                    |                                  |
| 163244 | FCT            | 74FCT163244    | 74FCT163244PF    | PF      | TVSOP     | DGV    | 48   | Not Available    |           |                    |                                  |
| 163245 | FCT            | 74FCT163245    | 74FCT163245PV    | PV      | SSOP      | DL     | 48   | Not Available    |           |                    |                                  |
| 163245 | FCT            | 74FCT163245    | 74FCT163245PA    | PA      | TSSOP     | DGG    | 48   | Not Available    |           |                    |                                  |
| 163245 | FCT            | 74FCT163245    | 74FCT163245PF    | PF      | TVSOP     | DGV    | 48   | Not Available    |           |                    |                                  |
| 163344 | FCT            | 74FCT163344    | 74FCT163344PV    | PV      | SSOP      | DL     | 56   | Not Available    |           |                    |                                  |
| 163344 | FCT            | 74FCT163344    | 74FCT163344PA    | PA      | TSSOP     | DGG    | 56   | Not Available    |           |                    |                                  |
| 163344 | FCT            | 74FCT163344    | 74FCT163344PF    | PF      | TVSOP     | DGV    | 56   | Not Available    |           |                    |                                  |
| 163373 | FCT            | 74FCT163373    | 74FCT163373PV    | PV      | SSOP      | DL     | 48   | Not Available    |           |                    |                                  |
| 163373 | FCT            | 74FCT163373    | 74FCT163373PA    | PA      | TSSOP     | DGG    | 48   | Not Available    |           |                    |                                  |
| 163373 | FCT            | 74FCT163373    | 74FCT163373PF    | PF      | TVSOP     | DGV    | 48   | Not Available    |           |                    |                                  |
| 163374 | FCT            | 74FCT163374    | 74FCT163374PV    | PV      | SSOP      | DL     | 48   | Not Available    |           |                    |                                  |
| 163374 | FCT            | 74FCT163374    | 74FCT163374PA    | PA      | TSSOP     | DGG    | 48   | Not Available    |           |                    |                                  |



# IDT - TI Logic Cross-Reference

| Root    | IDT Technology | IDT Generic PN | IDT Orderable PN | IDT Pkg | Pkg Descr | TI Pkg | Pins | TI Generic PN   | FCT Speed | TI Orderable PN    | TI Comments                |
|---------|----------------|----------------|------------------|---------|-----------|--------|------|-----------------|-----------|--------------------|----------------------------|
| 163374  | FCT            | 74FCT163374    | 74FCT163374PF    | PF      | TVSOP     | DGV    | 48   | Not Available   |           |                    |                            |
| 163501  | FCT            | 74FCT163501    | 74FCT163501PV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                            |
| 163501  | FCT            | 74FCT163501    | 74FCT163501PA    | PA      | TSSOP     | DGG    | 64   | Not Available   |           |                    |                            |
| 163501  | FCT            | 74FCT163501    | 74FCT163501PF    | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                            |
| 163543  | FCT            | 74FCT163543    | 74FCT163543PV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                            |
| 163543  | FCT            | 74FCT163543    | 74FCT163543PA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                            |
| 163543  | FCT            | 74FCT163543    | 74FCT163543PF    | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                            |
| 163543  | FCT            | 74FCT163543    | 74FCT163543PV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                            |
| 163543  | FCT            | 74FCT163543    | 74FCT163543PA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                            |
| 163543  | FCT            | 74FCT163543    | 74FCT163543PF    | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                            |
| 163646  | FCT            | 74FCT163646    | 74FCT163646PV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                            |
| 163646  | FCT            | 74FCT163646    | 74FCT163646PA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                            |
| 163646  | FCT            | 74FCT163646    | 74FCT163646PF    | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                            |
| 163827  | FCT            | 74FCT163827    | 74FCT163827PV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                            |
| 163827  | FCT            | 74FCT163827    | 74FCT163827PA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                            |
| 163827  | FCT            | 74FCT163827    | 74FCT163827PF    | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                            |
| 163952  | FCT            | 74FCT163952    | 74FCT163952PV    | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                            |
| 163952  | FCT            | 74FCT163952    | 74FCT163952PA    | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                            |
| 164245  | ALVC           | 74ALVC164245   | 74ALVC164245PV   | PV      | SSOP      | DL     | 48   | SN74ALVC164245  |           | SN74ALVC164245DL   |                            |
| 164245  | ALVC           | 74ALVC164245   | 74ALVC164245PA   | PA      | TSSOP     | DGG    | 48   | SN74ALVC164245  |           | SN74ALVC164245DGGR |                            |
| 164245  | ALVC           | 74ALVC164245   | 74ALVC164245PF   | PF      | TVSOP     | DGV    | 48   | SN74ALVC164245  |           | Not Available      | This package               |
| 164245  | FCT            | 74FCT164245T   | 74FCT164245TPV   | PV      | SSOP      | DL     | 48   | Not Available   |           |                    |                            |
| 164245  | FCT            | 74FCT164245T   | 74FCT164245TPA   | PA      | TSSOP     | DGG    | 48   | Not Available   |           |                    |                            |
| 166244  | FCT            | 74FCT166244T   | 74FCT166244TPV   | PV      | SSOP      | DL     | 48   | Not Available   |           |                    |                            |
| 166244  | FCT            | 74FCT166244T   | 74FCT166244TPA   | PA      | TSSOP     | DGG    | 48   | Not Available   |           |                    |                            |
| 166245  | FCT            | 74FCT166245T   | 74FCT166245TPV   | PV      | SSOP      | DL     | 48   | Not Available   |           |                    |                            |
| 166245  | FCT            | 74FCT166245T   | 74FCT166245TPA   | PA      | TSSOP     | DGG    | 48   | Not Available   |           |                    |                            |
| 162H244 | FCT            | 74FCT162H244T  | 74FCT162H244TPV  | PV      | SSOP      | DL     | 56   | CY74FCT162H244T | A, C      |                    |                            |
| 162H244 | FCT            | 74FCT162H244T  | 74FCT162H244TPA  | PA      | TSSOP     | DGG    | 56   | CY74FCT162H244T | A, C      |                    |                            |
| 162H244 | FCT            | 74FCT162H244T  | 74FCT162H244TPF  | PF      | TVSOP     | DGV    | 56   | CY74FCT162H244T | A, C      |                    |                            |
| 162H245 | FCT            | 74FCT162H245T  | 74FCT162H245TPV  | PV      | SSOP      | DL     | 48   | CY74FCT162H245T | A, C      |                    |                            |
| 162H245 | FCT            | 74FCT162H245T  | 74FCT162H245TPA  | PA      | TSSOP     | DGG    | 48   | CY74FCT162H245T | A, C      |                    |                            |
| 162H245 | FCT            | 74FCT162H245T  | 74FCT162H245TPF  | PF      | TVSOP     | DGV    | 48   | CY74FCT162H245T | A, C      |                    |                            |
| 162H272 | FCT            | 74FCT162H272T  | 74FCT162H272TPV  | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                            |
| 162H272 | FCT            | 74FCT162H272T  | 74FCT162H272TPA  | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                            |
| 162H501 | FCT            | 74FCT162H501T  | 74FCT162H501TPV  | PV      | SSOP      | DL     | 56   | CY74FCT162H501T | C         |                    |                            |
| 162H501 | FCT            | 74FCT162H501T  | 74FCT162H501TPA  | PA      | TSSOP     | DGG    | 56   | CY74FCT162H501T | C         |                    |                            |
| 162H952 | FCT            | 74FCT162H952T  | 74FCT162H952TPV  | PV      | SSOP      | DL     | 56   | CY74FCT162H952T | A, C      |                    |                            |
| 162H952 | FCT            | 74FCT162H952T  | 74FCT162H952TPA  | PA      | TSSOP     | DGG    | 56   | CY74FCT162H952T | A, C      |                    |                            |
| 16Z646  | LVC            | 74LVC16Z646A   | 74LVC16Z646APV   | PV      | SSOP      | DL     | 56   | Not Available   |           |                    |                            |
| 16Z646  | LVC            | 74LVC16Z646A   | 74LVC16Z646APA   | PA      | TSSOP     | DGG    | 56   | Not Available   |           |                    |                            |
| 16Z646  | LVC            | 74LVC16Z646A   | 74LVC16Z646APF   | PF      | TVSOP     | DGV    | 56   | Not Available   |           |                    |                            |
| 1G00    | ALVC           | 74ALVC1G00     | 74ALVC1G00DY     | DY      | PSOP      | DBV    | 5    | Not Available   |           |                    | SN74LVC1G00DBVR is similar |