TEXAS INSTRUMENTS

Bem#	None d: 9/22/2017 4:40:06 TIDA-01415 Designator SPCB	Quantity	Value 10uf	PartNumber TIDA-01418 CGASP3XVS1H10SK250AB	418 REV E1 Bill o	### Description	Package Referen
2	C100, C102, C107, C114, C115, C118, C119, C303,	10	10uF	CGASP3X7S1H108K250AB	TDK	CAP, CERM, 10 µF, 50 V, 4/- 10%, 37S, AEC-Q200 Grade 1, 1210	1210
3	C304, C305 C101, C112, C520, C522,	5	0.01uF	GCM188R71H103KA37D	Multata	CAP, CERM, 0.01 pF, 50 V, +/- 10%, X/R, AEC-Q200 Grade 1, 0603	0603
4 5	C103 C104	1	tuff 10uff	CGA4J3X8R1C105K125AB GCM21BR70J105KE22L GCM21BR72A473KA37L	TDK Multara Multara	CAP, CERM, 1 µF, 16 V, +/- 20%, XBR, AEC-C200 Grade 0, 0805 CAP, CERM, 10 µF, 5.3 V, +/- 10%, XFR, AEC-C200 Grade 1, 0805 CAP, CERM, 0.047 µF, 100 V, +/- 10%, XFR, AEC-C200 Grade 1, 0805	0805 0805
7	C105, C111, C125, C126 C106, C108	4 2	0.047uF 0.1uF 0.01uF	GCM21BR72A473KA37L GCM21BR71H104KA37K CCGA9F3CTG1H103 KM0AA	MuRata MuRata TDK	CAP, CERM, 0.047 pF, 100 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0805 CAP, CERM, 0.1 pF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0805 CAP, CERM, 0.01 pF, 50 V, +/- 5%, CXGNP0, AEC-Q200 Grade 1,	0805
8		1			TDK TDK	CAP, CERM, 0.01 µF, 50 V, +/- 5%, CXG/NP0, AEC-Q200 Grade 1, 0603 CAP, CERM, 1 µF, 35 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603 CAP, CERM, 1000 pF, 100 V, +/- 5%, CXG/NP0, AEC-Q200 Grade 1,	0603
10	C116	1	1000pf 1000pf 2200pf	GCM1885C2A102JA16D CGA8P1XPS3D222M250AA	MuRata TDK	CAP, CERM, 1000 pF, 100 V, +/-5%, COG/NPO, AEC-Q200 Grade 1, 0003 CAP, CERM, 2200 pF, 2000 V, +/-20%, XPS, AEC-Q200 Grade 1, 1210	1210
12	C117 C120, C121,	1 16	4.7uf 0.1uf	CGASP3X/R1H475K250AB CGA3E2X8R1E104K080AA	TDK TDK	CAP, CERM, 4.7 pF, 50 V, +/- 10%, XFR, AEC-Q200 Grade 1, 1210 CAP, CERM, 0.1 pF, 25 V, +/- 10%, XBR, AEC-Q200 Grade 0, 0003	1210
	C120, C121, C122, C123, C127, C300, C309, C403, C404, C405, C406, C408, C411, C413,						
14	C415, C525 C124	1	0.01uF	CGA3E2X0R2A103K080AA	TDK	CAP, CERM, 0.01 µF, 100 V, +/- 10%, 37R, AEC-Q200 Grade 1, 0503	0603
15	C301, C407, C410, C412 C302, C517,	4	0.047ulf 1000plf	CGA3E2X7R1H473K080AA C0803C102J5RACAUTO	TDK Kernet	CAP, CERM, 0.047 µF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0503 CAP, CERM, 1000 pF, 50 V, +/- 5%, X7R, AEC-Q200 Grade 1, 0503	0603
17	C518, C519 C306, C307, C308 C400, C401,	3	0.15uF	CGA3E3X9R1H154K080AB	TDK TDK	CAP, CERM, 0.15 µF, 50 V, +/- 10%, X7R, AEC-0200 Grade 1, 0503	0603
18	C400, C401, C402 C500, C507,	3	47pF 100pF	CGA3E2C0G1H470J080AA	TOK	CAP, CERM, 47 pF, 50 V, 4/-5%, COGNPO, AEC-Q200 Grade 1, 0603 CAP, CERM, 100 pF, 50 V, +/-5%, COGNPO, AEC-Q200 Grade 0,	0603
20	C512 C501, C503, C505, C509,	7	0.1uF	CG.DE2X7R1C104K080AA	TDK	CAP, CERM, 0.1 µF, 16 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	0603
21	C511, C513, C515 C502, C504,	7	2.2uf	CGA3E1X7S1C225M080AC	TDK	CAP, CERM, 2.2 pF, 16 V, +/- 20%, X7S, AEC-Q200 Grade 1, 0503	0603
	C502, C504, C506, C508, C510, C514, C516 C521, C524,						
23	C521, C524, C527	1	22pf	CGA3E2C0G1H220J080AA	TDK	CAP, CERM, 22 pF, 50 V, 4/- 5%, COGNPO, AEC-Q200 Grade 1, 0603	0603
24	C529 D100, D102	1	0.01uF	C0003C103J3GECAUTO	Kernet Vishau-Semirronkurtur	CAP, CERM, 0.01 pF, 25 V, +/- 5%, C0G/NPO, AEC-Q200 Grade 1, 0803 Diode, Schottley, 50 V, 2.6, AEC-Q201 SMA	0003
25 26 27	D101 D103	Í	50V 100V 20V	SS2SS-E35AT SS3HIGHE3_AT TPSMD2SA	Vishay-Semiconductor Vishay-Siliconix Littefluse	Diode, Schottky, 50 V, 2 A, AEC-Q101, SMA Diode, Schottky, 100 V, 3 A, AEC-Q101, SMC Diode, TVS, Uni, 26 V, 42 1 Vc, AEC-Q101, SMC	SMA SMC SMC
29	D104 D300, D301, D302, D311, D312, D313,	9	601/	150060Y\$75000 B360AM-13-F	Diodes Inc.	LED, Yellow, SMD Diode, Schottky, 60 V, 3 A, AEC-Q101, SMA	LED_0603 ISMA
30	D312, D313, D320, D321, D322 D303, D304, D305, D306, D307, D306, D314, D315, D316, D317,	12	45V	RBszoSM-40FH	Rohm	Diode, Schottky, 45 V, 0.2 A, AEC-Q101, SCD-623	500-523
31	D318, D319	14	40V	ZLS400QTA	Diodes Inc.	Diode, Schottky, 49 V, 0.52 A, AEC-Q101, SGD-323	500-323
	D303, D310, D400, D401, D402, D403, D404, D405, D406, D409, D410, D411, D412, D413 H1, H2, H3, H4						
32	D412, D413 H1, H2, H3, H4 H5, H6, H7, H8	4		NY PMS 440 0025 PH 1902C	B&F Fastener Supply Keystone	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex. 0.5°L #4-40 Nylon	Screw Standoff
34	J100 J300	1		1725672 1714055	Phoenix Contact Phoenix Contact	Standoff, Hex. 0.5°L 64-40 Nylon Terminal Block, 4c1, 2.54 mm, Green, TH Terminal Block, 2c1, 6.35mm, Green, TH	Terminal Block, 4 2.54 mm, TH Terminal Block, 2
35	J301 J302	1		1714958 800-10-003-10-001000	Phoenix Contact Mil-Max	Terminal Block, 3x1, 6.35 mm, TH Header, 100ml, 3x1, TH	2.54 mm, TH Terminal Block, 2 6.35mm, Green, 19x21.5x12.5mm Header, 3x1, 100
38	J500	1		0015912140	Molex	Header, 100mit, 7x2, SMT	TH Header, 100 mil, 3 SMT
39 40	LS00 LBL1	1	to ohm	BKP2125HS600-T THT-14-423-10	Talyo Yuden Brady	Ferrite Bead, 60 chm @ 100 MHz, 3 A, 0805 Thermal Transfer Printable Labels, 0.650° W x 0.200° H - 10,000 per roll	0805 PCB Label 0.650* 0.200*W
41	Q300, Q301, Q302, Q303, Q304, Q305 Q306, Q307,	6	650 V	DYP15N65C3D1	DYS	Transistor, IGBT, 650 V, 80 A, TO-220AB	TO-220AB
42	Q305 R100, R102,	3	40 V 20.0k	FMMT720TA ERJ-3EKF2002V	Diodes Inc. Panasonic	Transistor, PNP, 40 V, 1.5 A, AEC-Q101, SQT-23 RES, 20.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0003	SOT-23 0503
44	R103, R104	1 7	330k 100k	ERJ-3EKF3303V TNPW0603100KBEEA	Panasonic Vishay-Dale	RES, 330 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0503 RES, 100 k, 0.1%, 0.1 W, AEC-Q200 Grade 1, 0503	0603
45	R101 R105, R400, R401, R402, R415, R416, R417 R106	1	27.0k	ERJ-SEKF2702V	Panasonic	RES, 27.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0003	0603
40	R322, R323, R336, R406, R407, R408, R407, R413, R412, R413, R412, R413, R422, R425, R428, R426, R428, R446, R440, R460, R440, R460, R452, R466, R522, R466, R522, R466, R523, R526, R527, R526, R527, R526, R527, R526,	5	4.7k	ERJNGEYATTV	Parasonic	955, 47 K, 50, 51 W, ACC/000 Game 6; 960	0603
50	R109, R110, R325, R326, R327 R111, R112	,	60	CRCW 120990RNAP AP	Visher-Date	HES 80 10% 0 25 W ARC-7200 Grade 0 1206	1396
51 52 53	R114, R115 R116	1 12	4.7 300 499k	CRCW12064R70JNEAHP ERA-3AEB301V TNPV1206499KBEEN	Vishay-Dale Parasonic Vishay Disloric	RES, 407, U.S., U.S.W., AEC-Q200 Grade 0, 1205 RES, 300, 0.1%, 0.15 W, AEC-Q200 Grade 0, 1205 RES, 300, 0.1%, 0.1 W, AEC-Q200 Grade 0, 0503 RES, 409 k, 0.1%, 1 W, 1205	1206 1206 0603
54	R309, R403, R404, R405, R418, R419, R420, R431, R432, R433 R302, R303,	12	10.0	CRCW121010R0FKEAHP	Vishay-Dale	RES, 10.0, 1%, 0.75 W, AEC-0200 Grade 0, 1210	1210
55	P304, R305, P306, R307, P313, R314, R315, R316, R317, R318	7	100	ERJ3EKF1005V	Panasonic	RES, 100, 1%, 0.1 W, AEC-0200 Grade 0, 0003	0003
56	R505, R507, R512, R518,					RES, 6:34 k, 0.1%, 0.25 W, AEC-0200 Grade 0, 1205	
57	R520 R312, R410, R421, R436 R319, R320, R321	4	5.34k 5.10	ERA-BAPBESHIV ERJ-BRQFSRIV	Panasonic	RES, 5.10, 1%, 0.125 W, AEC-Q200 Grade 0, 1205 RES, 5.10, 1%, 0.125 W, AEC-Q200 Grade 0, 0805	0805
	R321 R328, R329, R330, R331, R332, R333	ε	0.01	WSLP1206R0100FEA	Vishay-Dale	RES, 0.01, 1%, 1 W, 1206	1206
58		9	2.2k	ERJ-3GEY,022V	Panasonic	RES, 2.2 k, 5%, 0.1 W, AEC-Q200 Gesde 0, 0603	0603
50	P334, R335, R336, R337, R336, R339, R506, R510, R517		20.00	EB 17595	Daniel		A003
50	R338, R339, R506, R510, R517 R424, R428, R441, R445,	6	30.0k	ERJ-SEKF3002V	Panasonic	RES, 30.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0003	0803
50 50 60	R338, R339, R506, R510, R517 R424, R428, R441, R445,	6	30.0k	ERA-SAEB242V	Panasonic Panasonic	RES, 2.40 k, 0.1%, 0.1 W, AEC-Q200 Grade 0, 0003	0603
£2	R338, R339, R506, R510, R517 R424, R428, R441, R445,	6	2.40k		Parassonic Parassonic Parassonic Vishas-Dala	RES, 2-49 k, 0.1%, 0.1 W, AEC-Q200 Glade 0, 0003 RES, 160 k, 0.1%, 0.1 W, AEC-Q200 Glade 0, 0003	0603
£2	R338, R339, R506, R510, R517 R428, R428, R441, R445, R451, R465 R432, R444, R453, R464 R454, R455, R447, R446, R457, R458 R457, R458 R457, R458 R457, R458 R457, R458	5	2.40k 100k 1.0k	ERA-JAEBJAZV ERA-JAEBTOW RCA00031K00.NEA	Panasonic Vishay-Dale	RES, 240 k, 0.1%, 0.1 W, AEC-G200 Gede 0, 0003 RES, 100 k, 0.1%, 0.1 W, AEC-G200 Gede 0, 0003 RES, 1.0 k, 5%, 0.1 W, AEC-G200 Gede 0, 0003	0603
£2	H238, R330, H256, R3510, H256, R424, R428, R441, R446, R441, R466, R441, R466, R431, R452, R434, R434, R434, R434, R434, R434, R434, R434, R434, R531, R547, R446, R522, R523, R524, R520, R521, R520, R521,	6 6 5	2.40k	ERA-JAEBINIV ERA-SAEBIOW	Parasonic Parasonic Parasonic Vishay-Cale Parasonic	PES, 2.40 I, G.1%, G.1 W, AEC-Q000 Cleaks G, 0003 PES, 100 I, S.1%, G.1 W, AEC-Q000 Cleaks G, 0003 PES, 1.0 I, DN, G.1 W, AEC-Q000 Cleaks G, 0003 PES, 1.0 I, DN, G.1 W, AEC-Q000 Cleaks G, 0003	0603 0603 0603
£2	PLOSE, RISSO, RI	5	2.40k 100k 1.0k	ERA-JAEBJAZV ERA-JAEBTOW RCA00031K00.NEA	Panasonic Vishay-Dale	RES, 240 k, 0.1%, 0.1 W, AEC-G200 Gede 0, 0003 RES, 100 k, 0.1%, 0.1 W, AEC-G200 Gede 0, 0003 RES, 1.0 k, 5%, 0.1 W, AEC-G200 Gede 0, 0003	0603
63 63 66 66 67 68	H236, R330, R330, R330, R330, R3510, R3510, R3510, R3511, R3464, R4626, R4627, R4656, R4627, R4644, R4636,	5 5 5	2.40k 100k 1.0k	ERA-SAEBJ-GV ERA-SAEBT-GV RCAGGG31M00,REA ERA-SGEV_J1ZEV ERA-SGEV_J1ZEV ERA-SGEV_J1ZEV ERA-SGEV_J1ZEV ERA-SGEV_J1ZEV ERA-SGEV_J1ZEV ERA-SGEV_J1ZEV	Parassonic Vishay-Cale Vishay-Cale Parassonic Parassonic Parassonic Stack pole Electronics Inc. Witth Elektronic	95.5.4% L Ft., 5.1 W. ACC-2009 South S. 6909 955.10% L Ft., 4.1 W. ACC-2009 South S. 6909 955.10% L Ft., 4.1 W. ACC-2009 South S. 6909 955.11% ACC-2009 South S. 6909 955.11% L Ft., 4.1 W. ACC-2009 South S. 6909 955.11% L Ft., 4.1 W. ACC-2009 South S. 6909 955.11% L Ft., 4.1 W. ACC-2009 South S. 6909 955.11% L Ft., 4.1 W. ACC-2009 South S. 6909	0603
E3 E3	HINN, RINDO, PRODO, PEDIO, PEDID, PEDIO, PEDID, PEDIO, PEDID, PEDIO, PEDID, PEDIO, PEDID, PED	5	2.40k 100k 1.0k	ERA-JAEBJAZV ERA-JAEBTOW RCA00031K00.NEA	Panasonic Vishay-Dale	05.5, 46.5, 61.5, 61.9, ACCOST Seels, 6.000 05.5, 105, 61.9, 41.9, ACCOST Seels, 6.000 05.5, 105, 61.9, ACCOST Seels, 6.000 05.5, 105, 61.9, ACCOST Seels, 6.000 05.5, 105, 105, 61.9, ACCOST Seels, 6.000 05.5, 105, 105, 61.9, ACCOST Seels, 6.000 05.5, 105, 105, 105, 105, ACCOST Seels, 6.000 05.5, 105, 105, 105, 105, ACCOST Seels, 6.000 05.5, 105, 105, 105, ACCOST Seels, 6.000 105.5, 105, 105, ACCOST Seels, 6.000 105.5, 105, 105, ACCOST Seels, 6.000	0603 0603 0603 0603 0603 0603 14.73t14.6mm
62 63 64 65 66 67 70	H338, R339,	5 5 5 1 1 1 4	2.40k 100k 1.0k	ERA-AMEBIANY ERA-AMEBIANY ERA-AMEBIANY ERA-GOZINGOLNEA ERA-SGEY 1122V ERA-SGEY 122V ERA-SGEY 1200V ERA-	Parassonic Vishay-Cale Vishay-Cale Parassonic Parassonic Parassonic Stack pole Electronics Inc. Witeth Elektronic Koyatons Koyatons	185, 24 N. 4 N. 4 N. 4 COSIO Soute 5, 5000 105, 104, 107, 117, 417, 42 COSIO Soute 5, 5000 105, 104, 107, 117, 417, 417, 417, 417, 417, 417, 41	0603 0603 0603 0603 0603 14.73x14.6mm Grey Multipuspos FWF0014A PWF0020D
63 64 65 66 67 68 69 70 71	H338, R329, R339, R339, R339, R339, R339, R339, R329,	5 5 5 1 1 1 1 4	2.40k 100k 1.0k	ERA-SAEBSATV ERA-SAEBIOW RCA00031000.NEA ERA-SGEYJIZOV ERA-SGEYJIZOV ERA-SGEYJIZOV BRACT-05003T0000 T00315405	Parassonic Vishay-Cale Vishay-Cale Parassonic Parassonic Parassonic Stack pole Electronics Inc. Witeth Elektronic Koyatons Koyatons	18.5 1.6 N. C. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seed 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seed 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seed 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seed 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seed 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seed 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seed 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seed 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. AFC-COST Seeds 5. 6900 10.5 T. D. T. N. S. T. W. S. T. T. N. S. T.	0603 0603 0603 0603 0603 0603 14.73x14.6mm Grey Multipurpos
62 63 64 65 66 67 70 71 72 73	H338, R339,	5 5 5 1 1 1 1 1 1 1 1 1	2.40k 100k 1.0k	ER-ARESEQU ERA-ARESEQU ERA-AR	Parasonic Vishay-Cale Parasonic Parasonic Parasonic Staca pale Electronic Pic Vishay-Cale Staca pale Electronic Pic Visha Staca Stac	05.5 A.N. S.T. S.T. W. ACCOST Seeks 6, 500 105. 104. S.T. S.T. W. ACCOST Seeks 6, 500 105. 104. S.T. S.T. W. ACCOST Seeks 6, 500 105. 104. S.T. S.T. W. ACCOST Seeks 6, 500 105. 104. S.T. S.T. W. ACCOST Seeks 6, 500 105. 104. S.T. S.T. W. ACCOST Seeks 6, 500 105. 104. S.T. S.T. W. ACCOST Seeks 6, 500 105. 104. S.T. S.T. W. ACCOST Seeks 6, 500 105. 105. S.T. S.T. S.T. S.T. S.T. S.T. S.T. S.	05033 05033 05033 05033 05033 14.72a14.5mm Tanipurpos Tanipurpos Tanipurpos Tanipurpos Tanipurpos Tanipurpos Tanipurpos Tanipurpos Tanipurpos
63 64 65 66 67 68 69 70 71	H338, R329, R339, R339, R339, R339, R339, R339, R329,	5 5 5 1 1 1 1 1 1 1 1	2.40k 100k 1.0k	CRA-SAESSOV CRA-S	Parasonic Vishay-Cale Parasonic Parasonic Parasonic Staca pale Electronic Pic Vishay-Cale Staca pale Electronic Pic Visha Staca Stac	185, 181, 181, 181, 181, 181, 180 (189) 185, 181, 181, 181, 181, 181, 180 (189) 185, 181, 181, 181, 181, 181, 180 (189) 185, 181, 181, 181, 181, 181, 180 (189) 185, 181, 181, 181, 181, 181, 181, 181,	0003 0003 0003 0003 0003 0003 0003 14.73s14.6mm 14stgorpus 14stgor
62 63 64 65 65 65 70 71 72 73	1930, R350,	5 5 1 1 1 1 1 1 1 1 1 1	2.40k 100k 1.0k	ERA-JARESSON RACASSISSIONER	Variations Valvay-Cole Valvay-Cole Parasions Parasions Statement Statement Statement Septiment S	185, 181, 181, 181, 181, 181, 180 (189) 185, 181, 181, 181, 181, 181, 180 (189) 185, 181, 181, 181, 181, 181, 180 (189) 185, 181, 181, 181, 181, 181, 180 (189) 185, 181, 181, 181, 181, 181, 181, 181,	00003 00003 00003 00003 00003 00003 00003 14.7.2a+14.6mm Carey Maripurpous Print POOLAA Print POOLAA Print POOLAA Print POOLAA DividoolaA DividoolaA
62 63 64 65 66 67 77 72 73 74	19338, 19339, 19	5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.40k 100k 1.0k	EIA-AAESSAOV EI	Verbay-Cale Verbay-Cale Verbay-Cale Parasitoric Parasitoric Parasitoric Parasitoric Parasitoric Parasitoric Parasitoric Parasitoric Parasitoric Statistical Excitorics inc Statistical Excitorics inc Statistical Excitorics Repair Statistical Excitorics St	05.5.4.6.5.19.5.19.4.6.0000 looks 5.000 05.5.10.5.19.5.19.4.6.0000 looks 5.000 05.5.10.5.19.4.6.0000 looks 5.000 05.5.10.5.19.4.0000 looks 5.0000 05.5.10.5.10.5.10000 looks 5.0000 05.5.10.5.10000 looks 5.0000 05.5.10.5.10000 looks 5.0000 05.5.10000 looks 5.00000 05.5.10000 looks 5.000000 05.5.1000000000000000000000000	00000 00000 00000 00000 00000 00000 0000
62 63 64 65 66 66 70 71 72 73 74 75	HOME ROSON, BOSTON, BO	5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.40k 100k 1.0k	EIN. AMERICAN EIN. A	Verbay-Cale Verbay-Cale Verbay-Cale Parasitoric Parasitoric Parasitoric Parasitoric Parasitoric Parasitoric Parasitoric Parasitoric Parasitoric Statistical Excitorics inc Statistical Excitorics inc Statistical Excitorics Repair Statistical Excitorics St	185, 181, 181, 181, 181, 181, 180 (189) 185, 181, 181, 181, 181, 181, 180 (189) 185, 181, 181, 181, 181, 181, 180 (189) 185, 181, 181, 181, 181, 181, 180 (189) 185, 181, 181, 181, 181, 181, 181, 181,	00000 00000 00000 00000 00000 00000 0000

IMPORTANT NOTICE FOR TI DESIGN INFORMATION AND RESOURCES

Texas Instruments Incorporated ('TI") technical, application or other design advice, services or information, including, but not limited to, reference designs and materials relating to evaluation modules, (collectively, "TI Resources") are intended to assist designers who are developing applications that incorporate TI products; by downloading, accessing or using any particular TI Resource in any way, you (individually or, if you are acting on behalf of a company, your company) agree to use it solely for this purpose and subject to the terms of this Notice.

TI's provision of TI Resources does not expand or otherwise alter TI's applicable published warranties or warranty disclaimers for TI products, and no additional obligations or liabilities arise from TI providing such TI Resources. TI reserves the right to make corrections, enhancements, improvements and other changes to its TI Resources.

You understand and agree that you remain responsible for using your independent analysis, evaluation and judgment in designing your applications and that you have full and exclusive responsibility to assure the safety of your applications and compliance of your applications (and of all TI products used in or for your applications) with all applicable regulations, laws and other applicable requirements. You represent that, with respect to your applications, you have all the necessary expertise to create and implement safeguards that (1) anticipate dangerous consequences of failures, (2) monitor failures and their consequences, and (3) lessen the likelihood of failures that might cause harm and take appropriate actions. You agree that prior to using or distributing any applications that include TI products, you will thoroughly test such applications and the functionality of such TI products as used in such applications. TI has not conducted any testing other than that specifically described in the published documentation for a particular TI Resource.

You are authorized to use, copy and modify any individual TI Resource only in connection with the development of applications that include the TI product(s) identified in such TI Resource. NO OTHER LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE TO ANY OTHER TI INTELLECTUAL PROPERTY RIGHT, AND NO LICENSE TO ANY TECHNOLOGY OR INTELLECTUAL PROPERTY RIGHT OF TI OR ANY THIRD PARTY IS GRANTED HEREIN, including but not limited to any patent right, copyright, mask work right, or other intellectual property right relating to any combination, machine, or process in which TI products or services are used. Information regarding or referencing third-party products or services does not constitute a license to use such products or services, or a warranty or endorsement thereof. Use of TI Resources may require a license from a third party under the patents or other intellectual property of TI.

TI RESOURCES ARE PROVIDED "AS IS" AND WITH ALL FAULTS. TI DISCLAIMS ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, REGARDING TI RESOURCES OR USE THEREOF, INCLUDING BUT NOT LIMITED TO ACCURACY OR COMPLETENESS, TITLE, ANY EPIDEMIC FAILURE WARRANTY AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

TI SHALL NOT BE LIABLE FOR AND SHALL NOT DEFEND OR INDEMNIFY YOU AGAINST ANY CLAIM, INCLUDING BUT NOT LIMITED TO ANY INFRINGEMENT CLAIM THAT RELATES TO OR IS BASED ON ANY COMBINATION OF PRODUCTS EVEN IF DESCRIBED IN TI RESOURCES OR OTHERWISE. IN NO EVENT SHALL TI BE LIABLE FOR ANY ACTUAL, DIRECT, SPECIAL, COLLATERAL, INDIRECT, PUNITIVE, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES IN CONNECTION WITH OR ARISING OUT OF TI RESOURCES OR USE THEREOF, AND REGARDLESS OF WHETHER TI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You agree to fully indemnify TI and its representatives against any damages, costs, losses, and/or liabilities arising out of your non-compliance with the terms and provisions of this Notice.

This Notice applies to TI Resources. Additional terms apply to the use and purchase of certain types of materials, TI products and services. These include; without limitation, TI's standard terms for semiconductor products http://www.ti.com/sc/docs/stdterms.htm), evaluation modules, and samples (http://www.ti.com/sc/docs/sampterms.htm).

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265 Copyright © 2018, Texas Instruments Incorporated