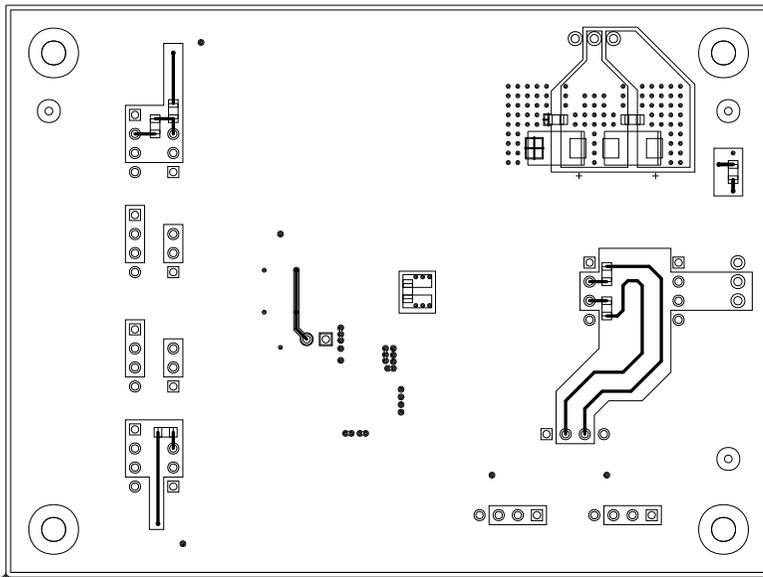
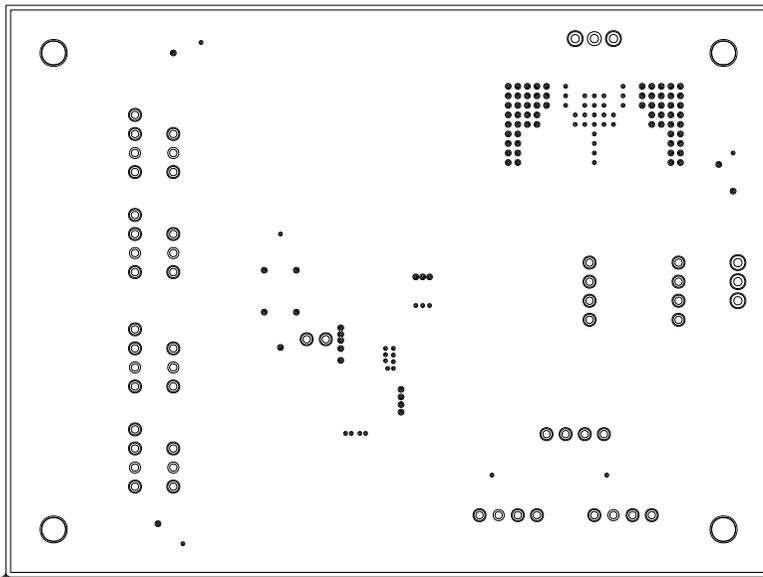


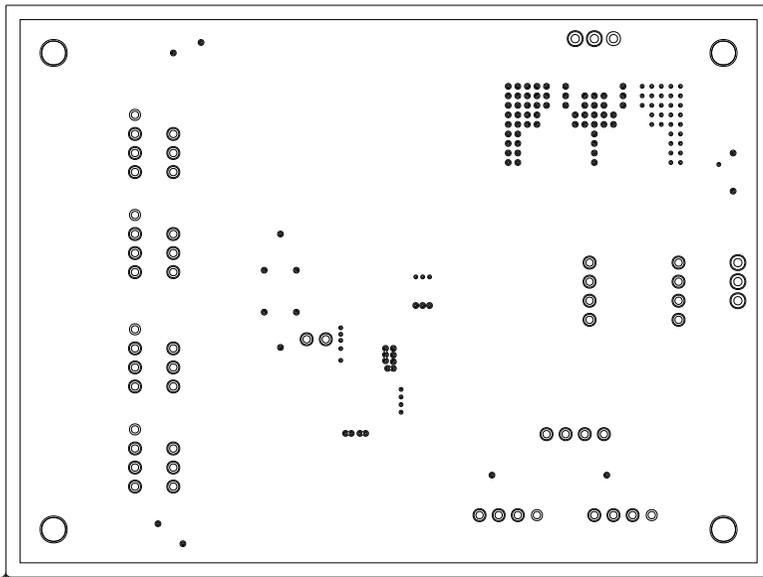
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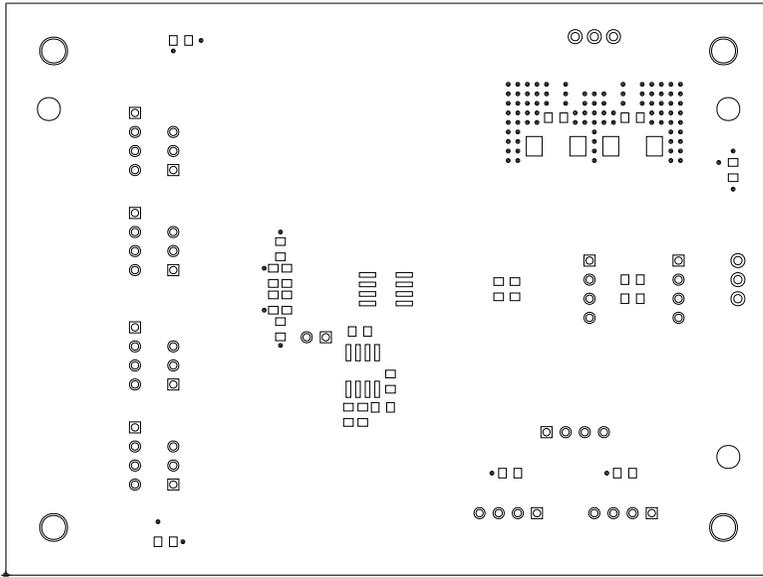
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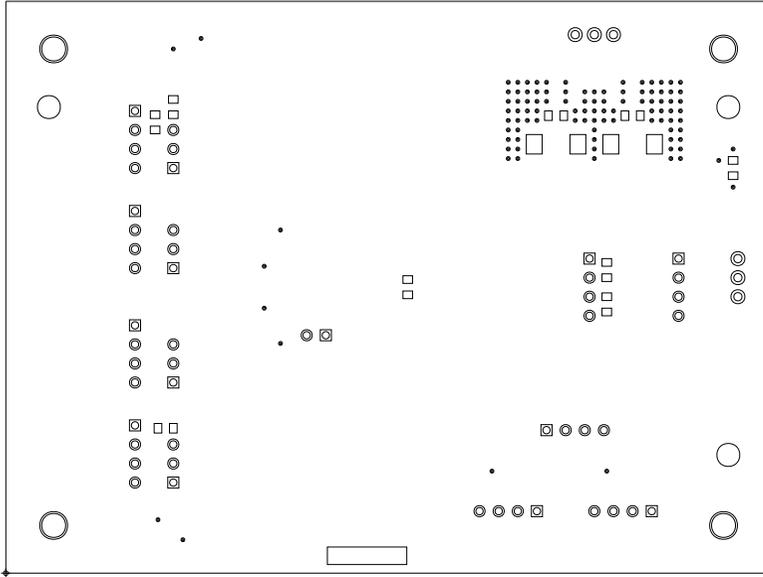
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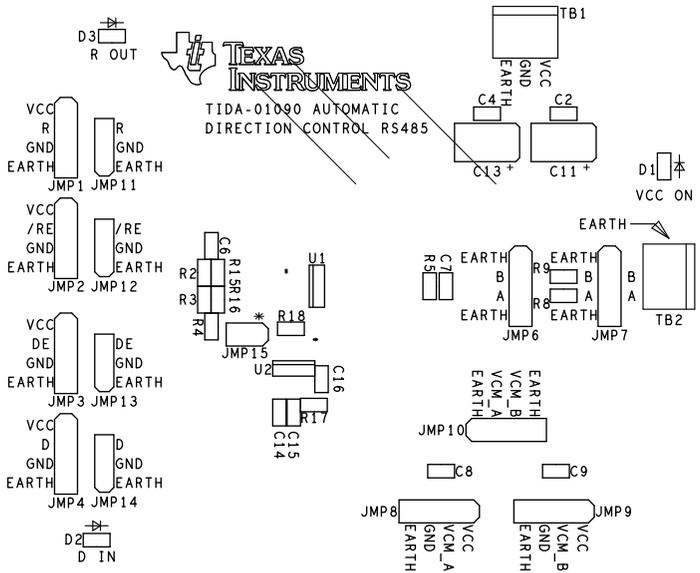
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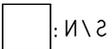
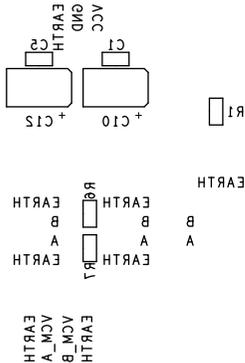
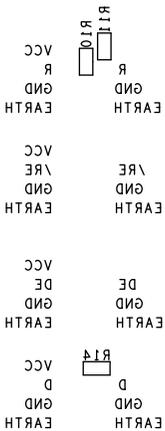
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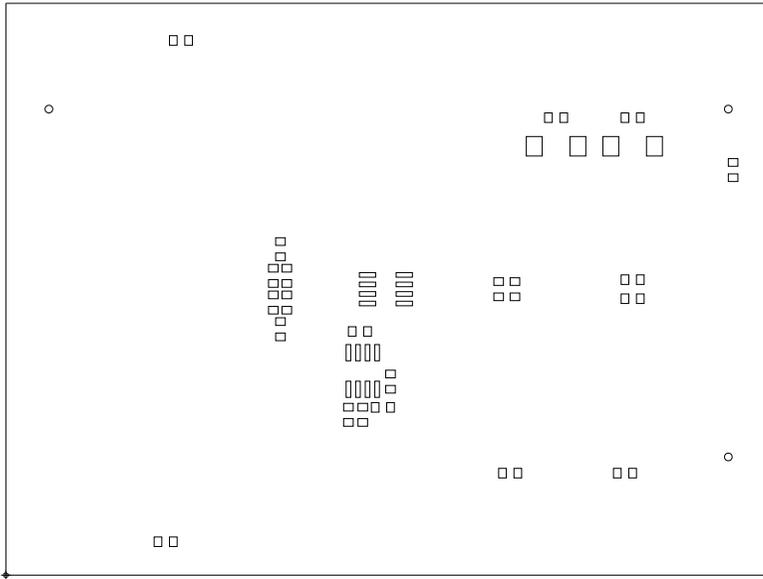
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	ALL ARTWORK LAYERS VIEWED FROM TOP		LAYER DESCRIPTION: SOLDERMASK	



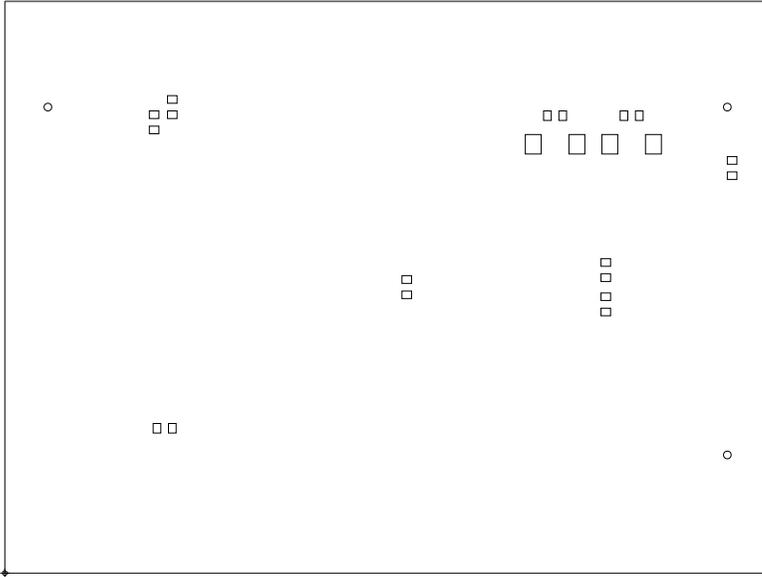
	BOARD NAME: XXXXXXXX	BOARD REV: A	KSID: 16940	JOB NUMBER: 129285
	ALL ARTWORK LAYERS VIEWED FROM TOP		LAYER DESCRIPTION: SILKSCREEN TOP XXXX	



	BOARD NAME: XXXXXXXX	BOARD REV: A	KSID: 16940	JOB NUMBER: 129285
	ALL ARTWORK LAYERS VIEWED FROM TOP		LAYER DESCRIPTION: XXXXXXXXXXXXXXXXXXXX	



	BOARD NAME: XXXXXXXX	BOARD REV: A	KSID: 16940	JOB NUMBER: 129285
	ALL ARTWORK LAYERS VIEWED FROM TOP		LAYER DESCRIPTION: PMASK/PMASKX TOPXXXXX	



	BOARD NAME: XXXXXXXX	BOARD REV: A	KSID: 16940	JOB NUMBER: 129285
	ALL ARTWORK LAYERS VIEWED FROM TOP		LAYER DESCRIPTION: PMASK/PMASK/EXOT/DOM XX	

8 7 6 5 4 3 2 1

D

D

C

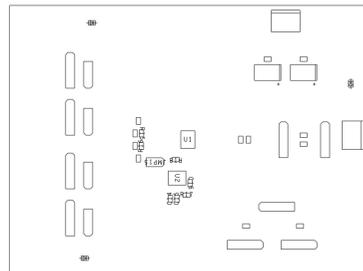
C

B

B

A

A



**krypton**  
solutions

APPROVALS		DATE	SIZE	KSID NO.	JOB NO.	REV.
DRAWN: LYNN WITTER		04-12-16	D	16940	129285	A
RELEASED: xxx		xx-xx-xx				
DO NOT SCALE DRAWING			SCALE	NONE	SHEET 1 OF 2	

CUSTOMER TEXAS INSTRUMENTS	ENGINEER H TEJAS
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BOARD NAME : xxxxxxxxxxxxxxxxx

ASSEMBLY DRAWING (TOP SIDE)

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

D

D

C

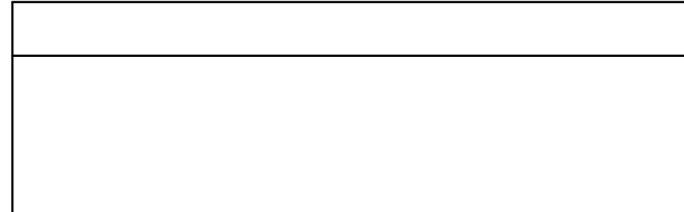
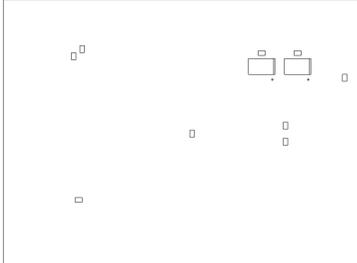
C

B

B

A

A



		CUSTOMER		ENGINEER	
		TEXAS INSTRUMENTS		H TEJAS	
		BOARD NAME : xxxxxxxxxxxxxxxxx			
		ASSEMBLY DRAWING (BOTTOM SIDE)			
APPROVALS	DATE	SIZE	KSID NO.	JOB NO.	REV.
DRAWN: LYNN WITTER	04-12-16	D	16940	129285	A
RELEASED: xxx	xx-xx-xx				
DO NOT SCALE DRAWING		SCALE	NONE	SHEET 2 OF 2	

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

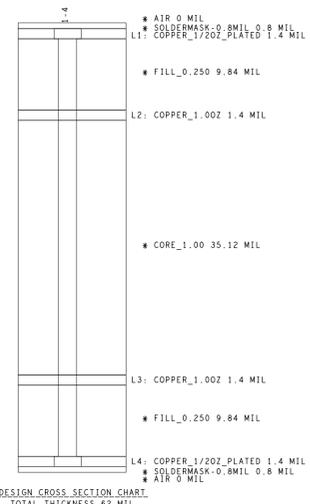


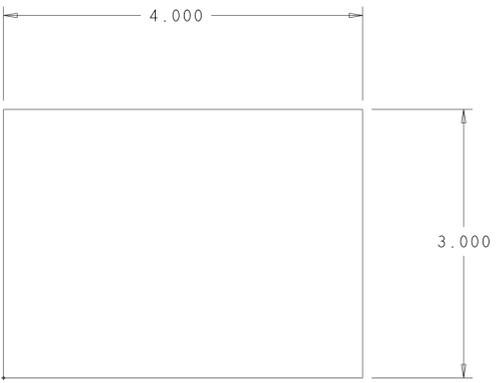
TABLE 1:

LAYER NO.	LAYER NAME	DIFFERENTIAL PAIR IMPEDANCE (OHMS)	DIFF TRACE WIDTH	DIFF TRACE SPACING	SINGLE ENDED IMPEDANCE (OHMS)	SINGLE ENDED TRACE WIDTH	REFERENCE LAYER
LAYER 1	TOP				50 +/- 10%	0.017"	LAYER 2
LAYER 2	L2_GND						
LAYER 3	L3_PWR						
LAYER 4	BOTTOM				50 +/- 10%	0.017"	LAYER 3

SPECIAL FAB NOTES:

- 1: FAB SHOP MUST FOLLOW THE SOLDER MASK REVIEW LAYERS.
- 2:

PLACE DRILL CHART HERE:



DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)  
 NUMBER OF LAYERS: 4  
 MIN. TRACK WIDTH: 15.0 MIL  
 MIN. CLEARANCE: X.X MIL  
 MIN. VIA PAD/DRILL: 20/10 MIL

MIN. ANNULAR RING 2 MIL EXTERNAL PER IPC-6012C CLASS 2  
 REGISTRATION TOLERANCES: METAL +/- X MIL, HOLES +/- X MIL

IMPEDANCE CONTROL:  NONE  YES - SEE TABLE 1

MIXED DIELECTRIC:  NO  YES

LAMINATE MATERIAL:  
 FR-4 HIGH Tg  ROGERS 4350B  OTHER: \_\_\_\_\_

THICKNESS:  
 0.062" +/-10%  0.093" +/-10%  OTHER: \_\_\_\_\_

TOLERANCE:  IPC-6012C TYPE 3 CLASS 2  OTHER +/-  
 BOW & TWIST:  IPC-6012C TYPE 3 CLASS 2  OTHER +/-

COPPER THICKNESS (FINISHED):

OUTER:  1/4 OZ.  1/2 OZ.  1.0 OZ.  2.0 OZ.

INNER SIGNAL:  1/4 OZ.  1/2 OZ.  1.0 OZ.  2.0 OZ.

INNER PLANE:  1/4 OZ.  1/2 OZ.  1.0 OZ.  2.0 OZ.

OTHER: \_\_\_\_\_

BOARD FINISH:  
 SILKSCREEN:  TOP  BOTTOM

SILKSCREEN COLOR:  WHITE  OTHER \_\_\_\_\_

SOLDERMASK: (PER IPC-6011,6012)  
 TOP  BOTTOM

SOLDERMASK COLOR:  GREEN  BLUE  OTHER \_\_\_\_\_

THROUGH-HOLE VIA TREATMENT:  
 OPEN  TENTED IDENTIFIER: ALL x MIL VIAS

VIA FILL USING NON-CONDUCTIVE EPOXY:  
 NO  YES IDENTIFIER: ALL x MIL VIAS

THIEVING ALLOWED:  YES  NO

BOARD SURFACE TREATMENT:  
 NICKEL/GOLD (ENIG)  ORGANIC (OSP)  HASL  ENIPIG  
 IMMERSION TIN  OTHER \_\_\_\_\_

FOR WIRE BONDING:  
 HARD GOLD  SOFT GOLD  PER SUPPLIED ARTWORK

ADDITIONAL REQUIREMENTS:  
 MICRO-SECTION  TDR REPORTS/COUPONS  ELECTRICAL TEST  
 CERTIFICATES OF COMPLIANCE  RoHS  UL 94V-0

VENDOR MARKING:  
 VENDOR DATE CODE,UL,LOGO:  ETCH  SILKSCREEN  BREAK-AWAY  
 IN AN OPEN AREA  WHERE INDICATED (SEE DRAWING)

CAD ORIGIN

Krypton	BOARD NAME: XXXXXXXX	BOARD REV: A	KSID: 16940	JOB NUMBER: 129285
	LAYER DESCRIPTION: FABRICATION DRAWING			



CUSTOMER TEXAS INSTRUMENTS		ENGINEER H TEJAS	
BOARD NAME : xxxxxxxxxxxxxxxxx			
FABRICATION DRAWING			
APPROVALS	DATE	SIZE	KSID NO.
DRAWN: LYNN WITTER	04-12-16	D	16940
RELEASED: xxx	xx-xx-xx		
JOB NO. 129285		REV. A	
DO NOT SCALE DRAWING		SCALE NONE	
		SHEET 1 OF 1	

8 7 6 5 4 3 2 1

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