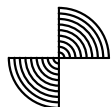
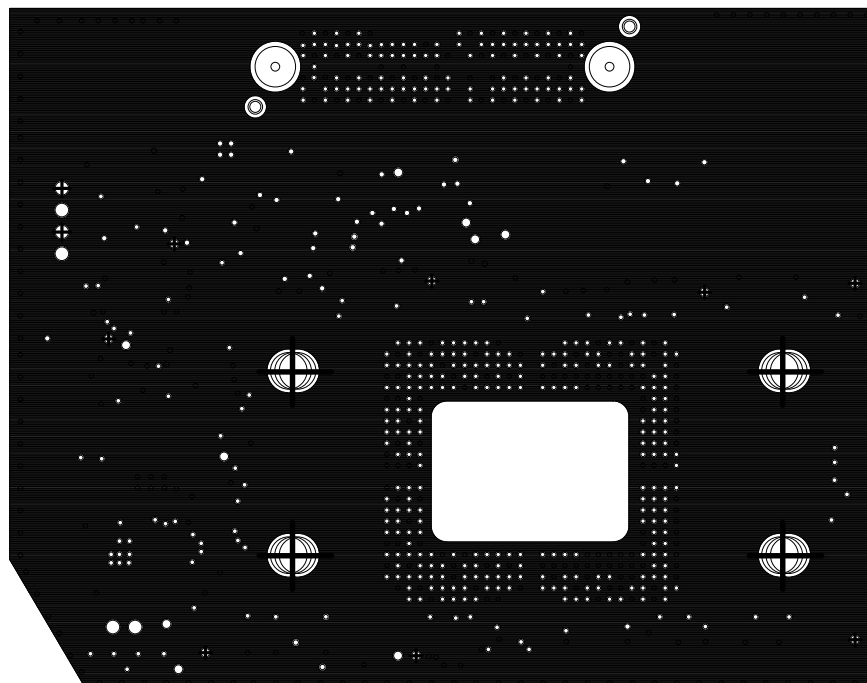
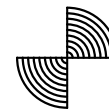
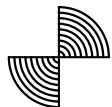
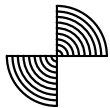
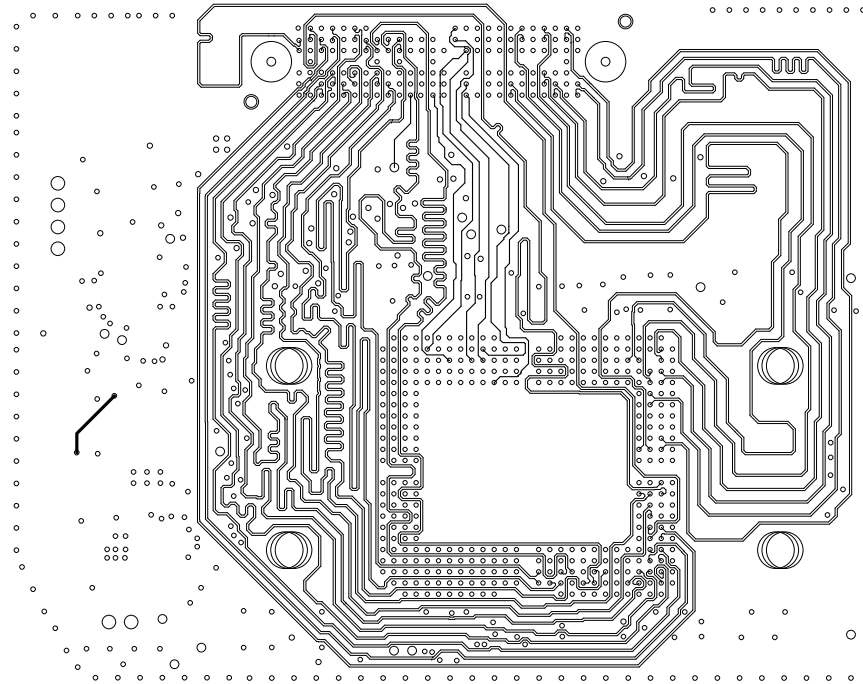
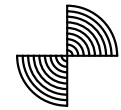


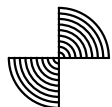
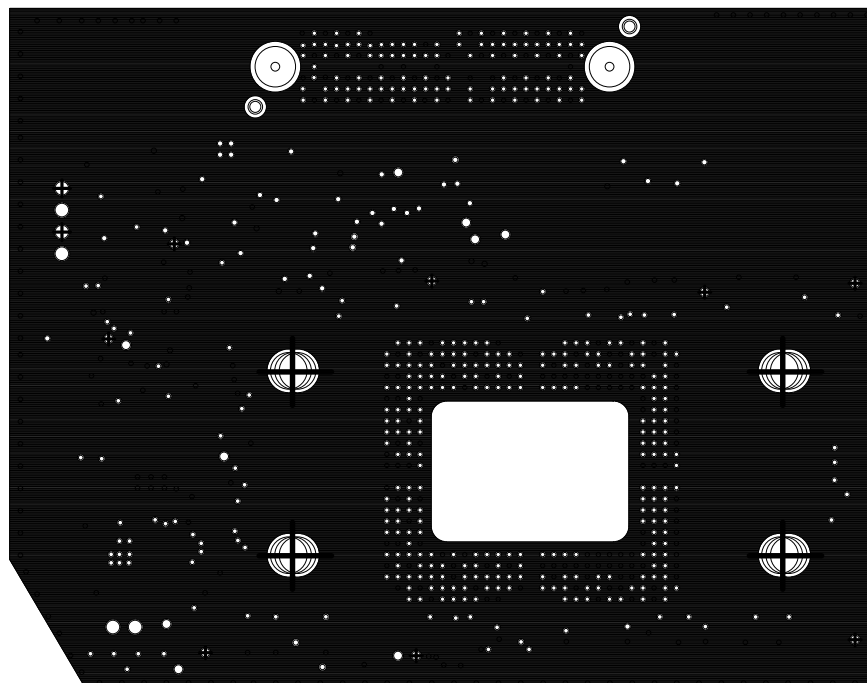
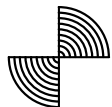
CUSTOMER NAME		TEXAS INSTRUMENTS			
BOARD NAME			DESCRIPTION		
0.65 1080p s600 DMD CSTACK FLX			LAYER 1 - PRIMARY SIDE		
BOARD NO.	REV	DATE	PRJ#	SH 1 OF 15	
2511980		27 MAY 2015	TIDL P-20277-02		



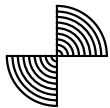
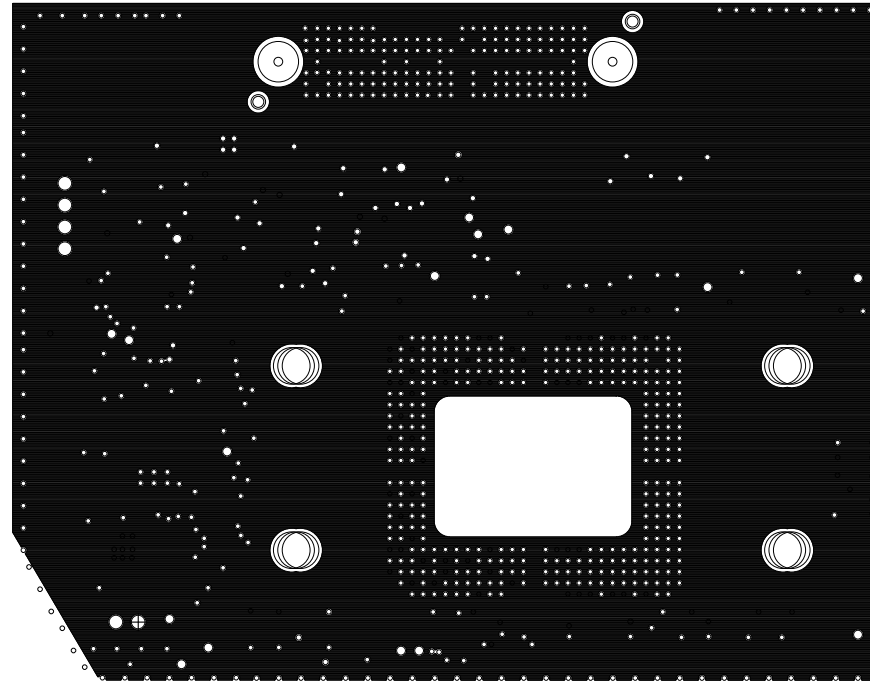
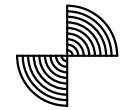
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BOARD NAME		DESCRIPTION		
0.65 1080p s600 DMD CSTACK FLX		LAYER 2 - GND PLANE		
BOARD NO.	REV	DATE	PRJ#	SH 2 OF 15
2511980		27 MAY 2015	TIDL P-20277-02	



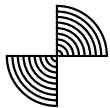
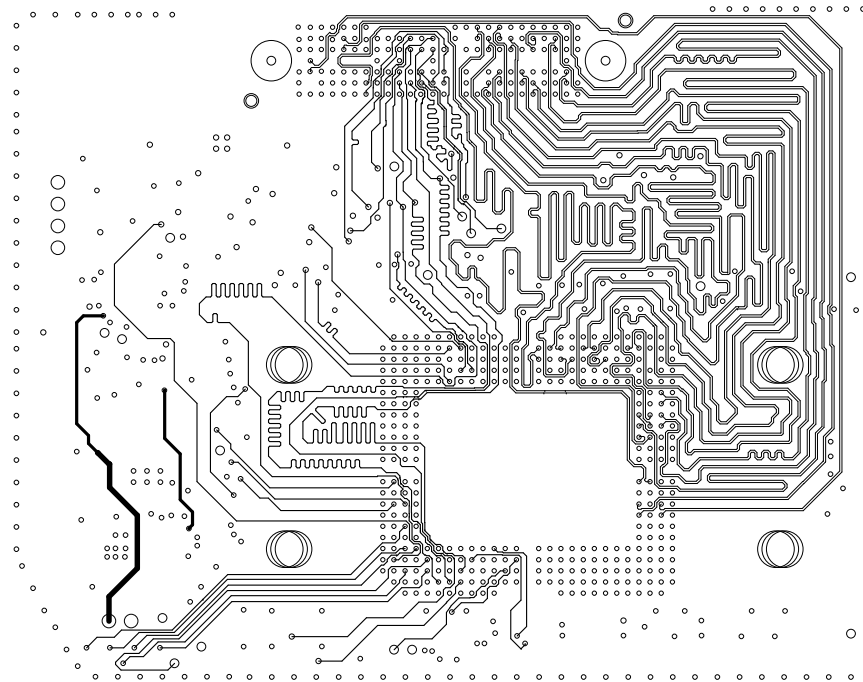
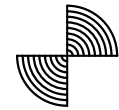
CUSTOMER NAME					
TEXAS INSTRUMENTS					
BOARD NAME			DESCRIPTION		
0.65 1080p s600 DMD CSTACK FLX			LAYER 3 - SIGNAL		
BOARD NO.	REV	DATE	PRJ#	SH 3 OF 15	
2511980		27 MAY 2015	TIDL P-20277-02		



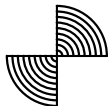
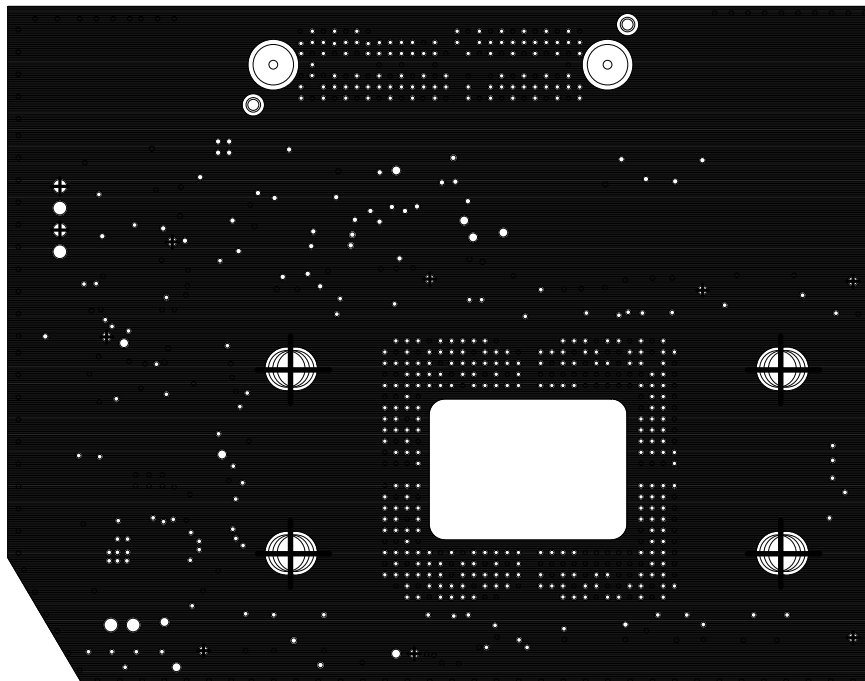
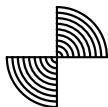
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BOARD NAME		DESCRIPTION		
0.65 1080p s600 DMD CSTACK FLX		LAYER 4 - GND PLANE		
BOARD NO.	REV	DATE	PRJ#	SH 4 OF 15
2511980		27 MAY 2015	TIDL P-20277-02	



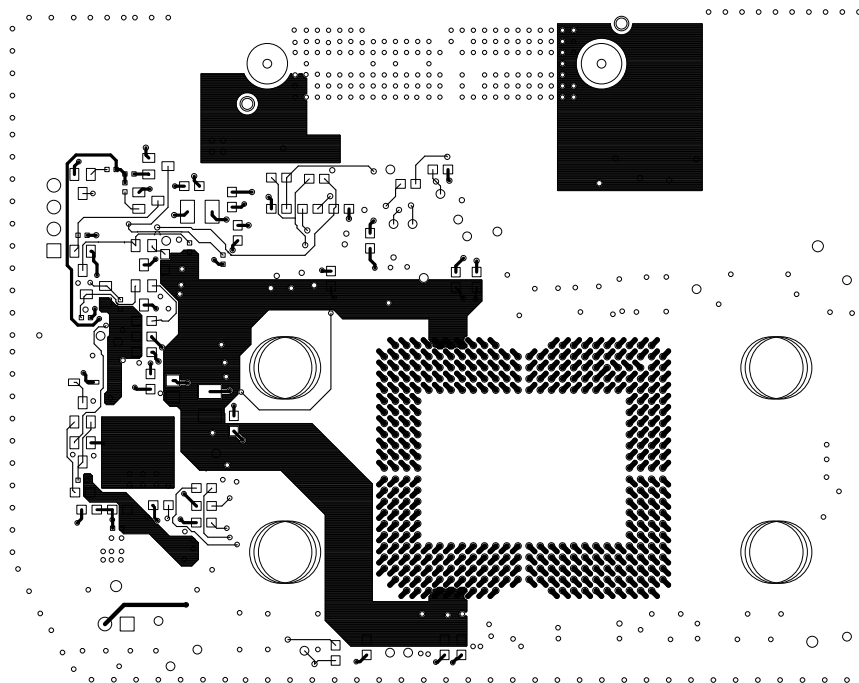
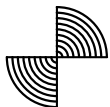
CUSTOMER NAME						TEXAS INSTRUMENTS					
BOARD NAME				DESCRIPTION							
0.65 1080p s600 DMD CSTACK FLX				LAYER 5 - 3P3 PLANE							
BOARD NO.			REV	DATE		PRJ#		SH 5 OF 15			
2511980				27 MAY 2015		TIDL P-20277-02					



CUSTOMER NAME					
TEXAS INSTRUMENTS					
BOARD NAME			DESCRIPTION		
0.65 1080p s600 DMD CSTACK FLX			LAYER 6 - SIGNAL		
BOARD NO.	REV	DATE	PRJ#	SH 6 OF 15	
2511980		27 MAY 2015	TIDL P-20277-02		

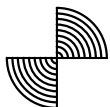
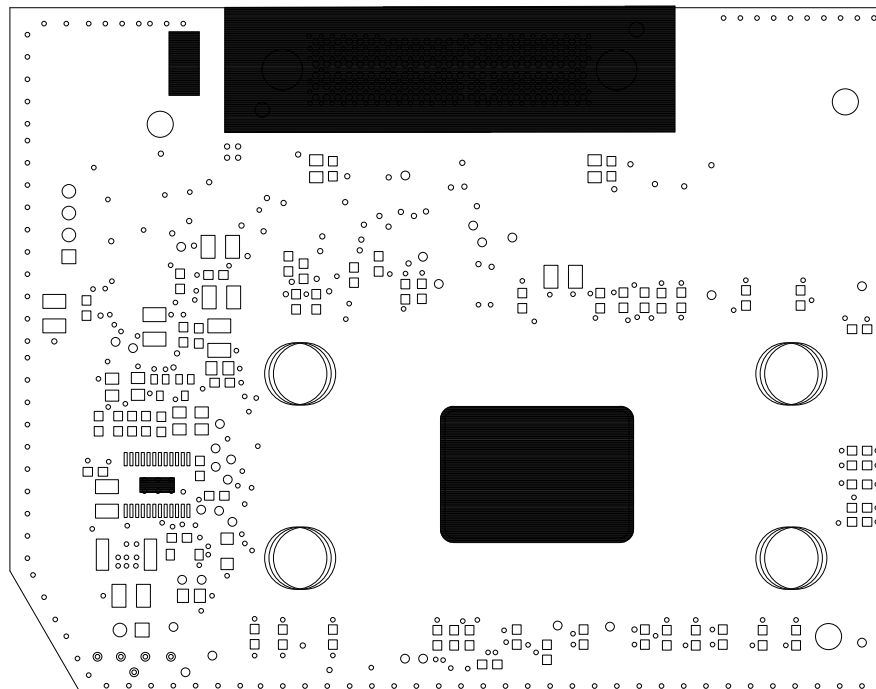


CUSTOMER NAME		TEXAS INSTRUMENTS		
BOARD NAME		DESCRIPTION		
0.65 1080p s600 DMD CSTACK FLX		LAYER 7 - GND PLANE		
BOARD NO.	REV	DATE	PRJ#	SH 7 OF 15
2511980		27 MAY 2015	TIDL P-20277-02	

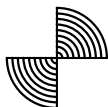
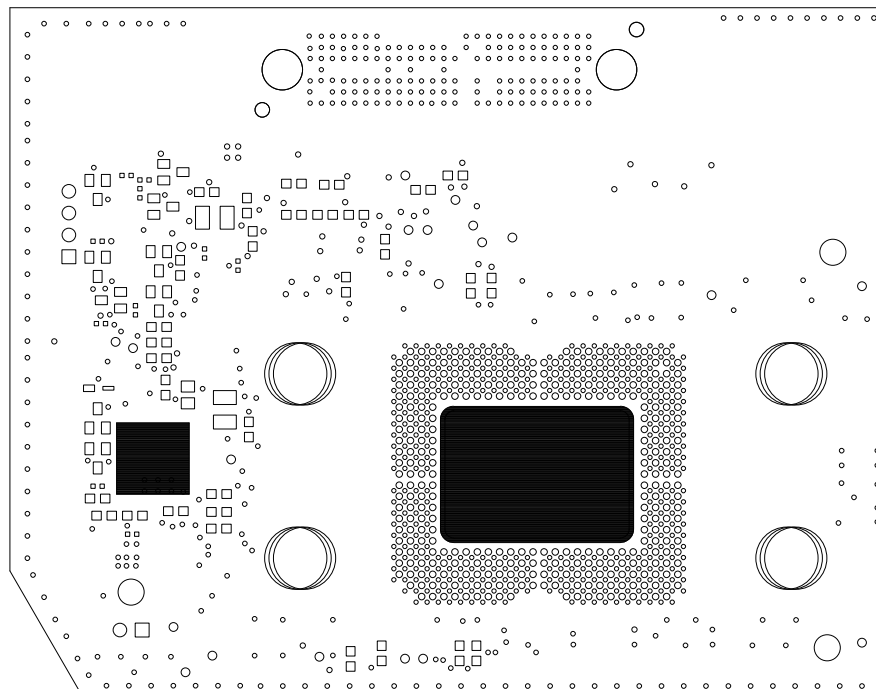


CUSTOMER NAME		TEXAS INSTRUMENTS			
BOARD NAME			DESCRIPTION		
0.65 1080p s600 DMD CSTACK FLX			LAYER 8 - SECONDARY SIDE		
BOARD NO.	REV	DATE	PRJ#	SH 8 OF 15	
2511980		27 MAY 2015	TIDL P-20277-02		

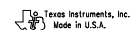




CUSTOMER NAME					TEXAS INSTRUMENTS				
BOARD NAME				DESCRIPTION					
0.65 1080p s600 DMD CSTACK FLX				SOLDERMASK - PRIMARY SIDE					
BOARD NO.			REV	DATE	PRJ#	SH 9 OF 15			
2511980				27 MAY 2015	TIDL-20277-02				



CUSTOMER NAME				
TEXAS INSTRUMENTS				
BOARD NAME			DESCRIPTION	
0.65 1080p s600 DMD CSTACK FLX			SOLDERMASK - SECONDARY SIDE	
BOARD NO.	REV	DATE	PRJ#	SH 10 OF 15
2511980		27 MAY 2015	TIDL P-20277-02	



ASSY.  
LABEL

ACD# TIDL P-20277-02

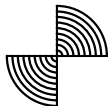
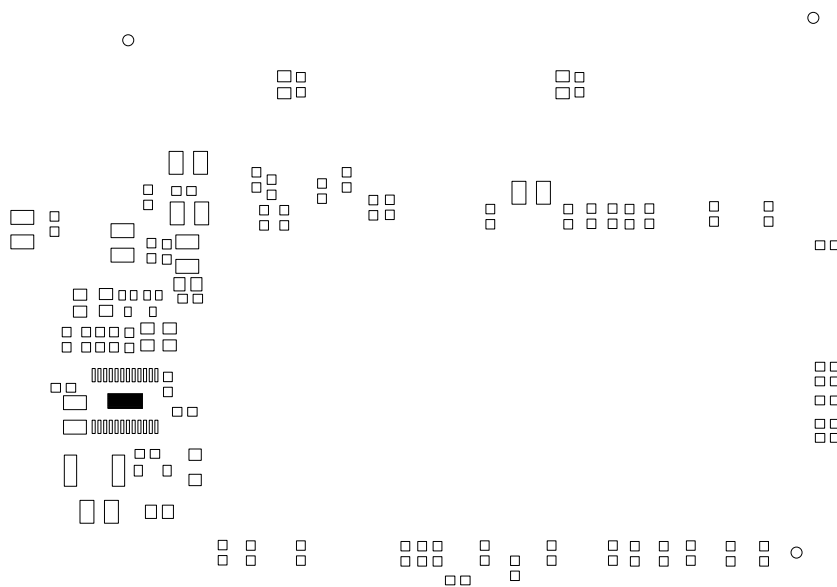
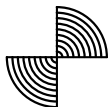
0.65 1080p s600 DMD CSTACK FLX

## REFDES

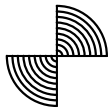
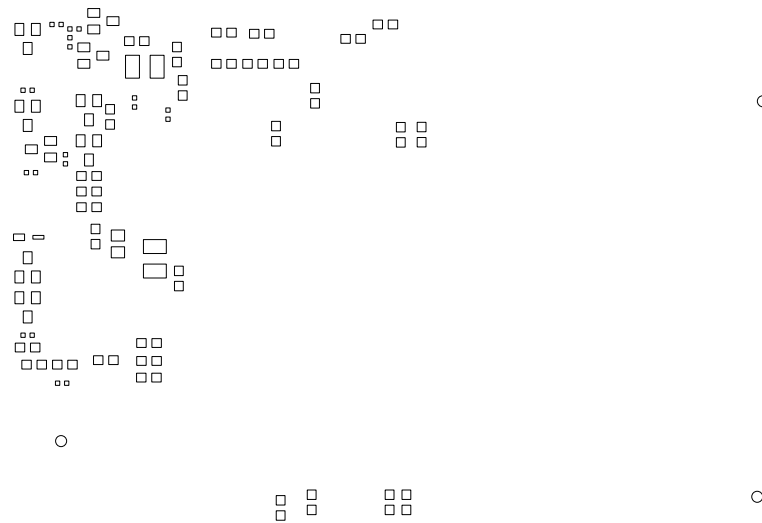
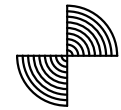
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BOARD NAME				DESCRIPTION					
0.65 1080p s600 DMD CSTACK FLX				SILKSCREEN - PRIMARY SIDE					
BOARD NO.			REV	DATE	PRJ#	SH 11 OF 15			
2511980				27 MAY 2015	TIDL-20277-02				



CUSTOMER NAME					
TEXAS INSTRUMENTS					
BOARD NAME			DESCRIPTION		
0.65 1080p s600 DMD CSTACK FLX			SILKSCREEN - SECONDARY SIDE		
BOARD NO.		REV	DATE	PRJ#	SH 12 OF 15
2511980			27 MAY 2015	TIDL P-20277-02	

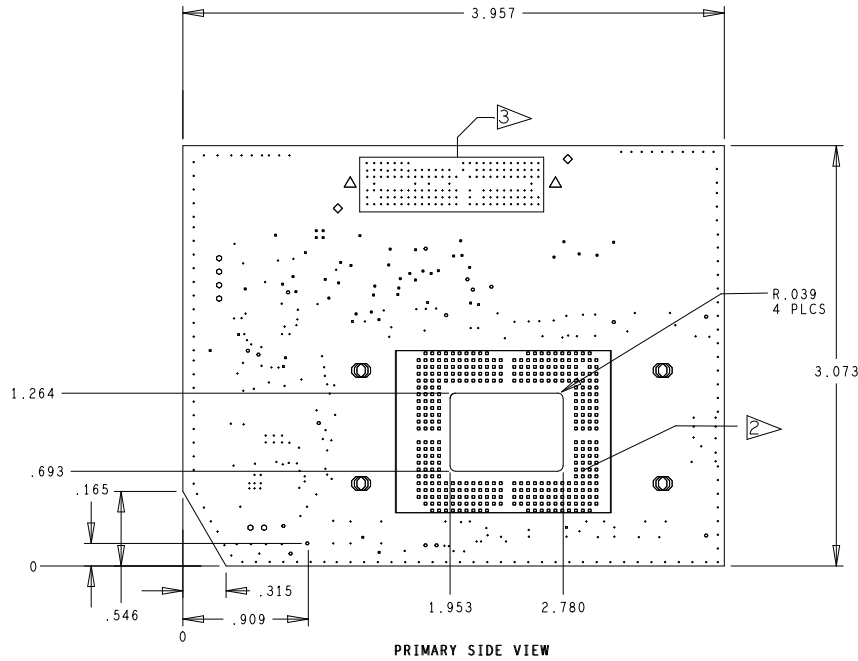


CUSTOMER NAME					TEXAS INSTRUMENTS				
BOARD NAME					DESCRIPTION				
0.65 1080p s600 DMD CSTACK FLX					PASTEMASK - PRIMARY SIDE				
BOARD NO.		REV	DATE	PRJ#	SH 13 OF 15				
2511980			27 MAY 2015	TIDL P-20277-02					



CUSTOMER NAME					
TEXAS INSTRUMENTS					
BOARD NAME			DESCRIPTION		
0.65 1080p s600 DMD CSTACK FLX			PASTEMASK - SECONDARY SIDE		
BOARD NO.		REV	DATE	PRJ#	SH 14 OF 15
2511980			27 MAY 2015	TIDL P-20277-02	

DRILL CHART: TOP & BOTTOM				
SYMBOL	SIZE	TOLERANCE	PLATED	QTY
Ø	18.0	+0.0/-0.0	PLATED	449
+	18.0	+0.0/-0.0	PLATED	422
+	12.0	+0.0/-0.0	PLATED	50
Ø	24.0	+0.0/-0.0	PLATED	17
Ø	42.0	+0.0/-0.0	PLATED	1
Ø	180.0	+0.0/-0.0	PLATED	12
◇	66.0	+0.0/-0.0	NON-PLATED	2
△	180.0	+0.0/-0.0	NON-PLATED	2



CUSTOMER NAME				
TEXAS INSTRUMENTS				
BOARD NAME			DESCRIPTION	
0.65 1080p s600 DMD CSTACK FLX			FABRICATION DRAWING	
BOARD NO.	REV	DATE	PRJ#	SH 15 OF 15
2511980		27 MAY 2015	TIDL P-20277-02	

#### FAB NOTES:

1. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE NOTED.
2. THE PWB SHALL BE FABRICATED TO IPC-6012, CLASS 2 AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2. CURRENT REVISIONS.
3. BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR-370HR OR EQUIVALENT, ROHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B. COLOR: NATURAL.
4. BOARD MATERIAL & CONSTRUCTION TO BE U.L. APPROVED AND MARKED ON THE FINISHED BOARD.
5. MINIMUM COPPER WALL THICKNESS OF PLATED-THRU HOLES TO BE .001 INCH, WITH A MINIMUM ANNULAR RING OF .002 INCH.
6. OVERALL BOARD THICKNESS TO BE .062 +/- 10% AND APPLIES AFTER ALL LAMINATION AND PLATING PROCESSES, MEASURED FROM COPPER TO COPPER.
7. MAX. WARP & TWIST TO BE .0075 INCHES PER INCH.
8. BOARD MUST BE ELECTRICALLY TESTED USING SUPPLIED IPC-D-356 NETLIST.

#### PROCESS NOTES:

1. EXCEPT AS NOTED IN NOTE 2 AND 3, PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD, NICKEL 150-200 MICROINCHES THK GOLD 5-15 MICROINCHES THK MIN.
2. PLATE INDICATED U3 PAD AREAS (350 PLACES, SECONDARY SIDE) WITH 0.00015 INCH MIN. LOW STRESS NICKEL UNDER 0.00005 - 0.000015 INCH MIN. GOLD.
3. PLATE INDICATED P1 PAD AREAS (PRIMARY AND SECONDARY SIDE) WITH ELECTROLYTIC PLATING 100-200 MICROINCHES OF NICKEL UNDER 35-50 MICROINCHES OF HARD GOLD.
4. APPLY LPI SOLDERMASK OVER BARE COPPER (SMOBC), COLOR: RED. SOLDERMASK SHALL CONFORM TO IPC-SM-840, CLASS H. CURRENT REV.
5. SOLDERMASK ARTWORK HAS ZERO (0) OVERSIZED PADS. FABRICATION VENDOR IS ALLOWED TO ADJUST THE COMPONENT SOLDERMASK PADS TO MEET THEIR TOOLING REQUIREMENTS.
6. APPLY LPI SILKSCREEN OR EQUIVALENT PER THE ARTWORK. COLOR: WHITE.

LAYER 1 PRIMARY SIDE - 1.5 OZ Cu  
 LAYER 2 GND PLANE - 1 OZ Cu  
 LAYER 3 SIGNAL - .5 OZ Cu 5/5 100 OHMS DIFFERENTIAL  
 5.1 50 OHM IMPEDANCE

LAYER 4 GND PLANE - 1 OZ Cu  
 LAYER 5 POWER PLANE - 1 OZ Cu  
 LAYER 6 SIGNAL - .5 OZ Cu 5/5 100 OHMS DIFFERENTIAL  
 5.1 50 OHM IMPEDANCE

LAYER 7 GND PLANE - 1 OZ Cu  
 LAYER 8 SECONDARY SIDE - 1.5 OZ Cu

IMPEDANCE TOLERANCE +/- 10%