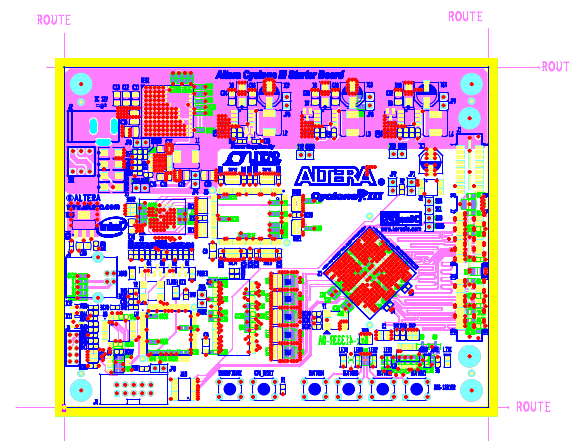


# HOLE CHART

DRILL CHART: TOP & BOTTOM ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
•	10.0	+0.0/-0.0	PLATED	1305
•	18.0	+0.0/-0.0	PLATED	58
•	24.0	+0.0/-0.0	PLATED	2
•	26.0	+0.0/-0.0	PLATED	10
•	30.0	+0.0/-0.0	PLATED	6
•	37.0	+0.0/-0.0	PLATED	42
•	41.0	+0.0/-0.0	PLATED	24
○	79.0	+0.0/-0.0	PLATED	2
○	126.0	+0.0/-0.0	PLATED	6
□	41.0	+0.0/-0.0	NON-PLATED	2
⌘	138.0x31.0	+3.0/-3.0	PLATED	2
⌘	138.0x31.0	+3.0/-3.0	PLATED	1

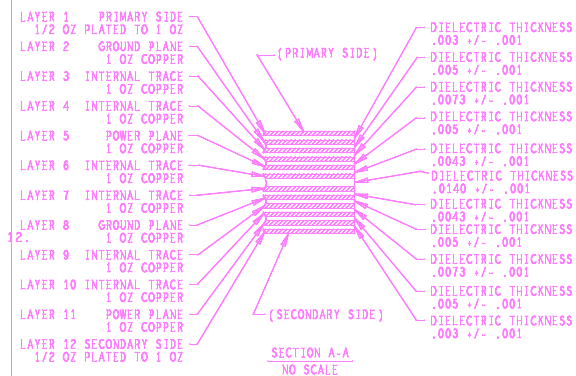
# BOARD



# FAB NOTES

1. MATERIAL: 0.078" +/-10% THICK FR-4 OR EQUIVALENT. BOARD CONSTRUCTION SEE SECTION A-A.
2. SURFACE FINISHED WITH ELECTROLESS NICKEL AND IMMERSION GOLD PROCESS. GOLD SHALL BE 3 MICRO INCHES OVER 150 MICRO INCHES NICKEL.
3. TRACE WIDTH TOLERANCE SHALL BE +/- 20% OF GERBER DATA.
4. FOR HOLE SIZES, SEE HOLE CHART. UNLESS OTHERWISE SPECIFIED, ALL HOLE DIMENSIONS ARE AFTER PLATING. ALL PLATED THROUGH HOLES TO HAVE A MINIMUM OF 0.001" OF COPPER. ALL HOLES SHALL BE LOCATED WITHIN 0.003" DIAMETER OF GEOMETRIC TRUE POSITION.
5. LAYER TO LAYER REGISTRATION SHALL BE +/- 0.005".
6. ALL HOLES SURROUNDED BY LAND SHALL HAVE A MINIMUM ANNULAR RING OF 0.002".
7. FILM TYPE:
  - A) POSITIVE ON LAYERS 1,3,4,6,7,9,10 AND 12.
  - B) NEGATIVE ON LAYERS 2,5,8 AND 11.
8. SOLDERMASK COLOR: BLUE.
9. CONTROLLED IMPEDANCE:
  - A) SINGLE ENDED IMPEDANCE SHALL BE 50 OHMS +/- 10% FOR ALL 5 MIL TRACES ON LAYERS 1,3,4,6,7,9,10 AND 12.
  - B) DIFFERENTIAL IMPEDANCE SHALL BE 100 OHMS +/- 10% FOR ALL 4 MIL TRACES ON LAYERS 1 AND 12.
  - C) DIFFERENTIAL TRACES GAP 6MIL.

# CROSS SECTION



 <a href="http://www.icr.com">www.icr.com</a> INCORPORATED BY TEXAS INSTRUMENTS 755-1800-3-288-REV	TESTPLAN NUMBER	COMPANY NAME	ADDRESS OTHER THAN POSTED WORKSHEET AND IN TITLE	
	DESIGNER: rjcln	PROJECT NAME	INTEGRATION	
	DATE: 06/04/17	PROJECT NUMBER	ORIGINAL	FILE
	Job#:	35-128120	REV: 1	DATE: 06/04/17
	LATEST MECHANICAL REV OR MECHANICAL REV		LATEST MECHANICAL REV OR MECHANICAL REV	