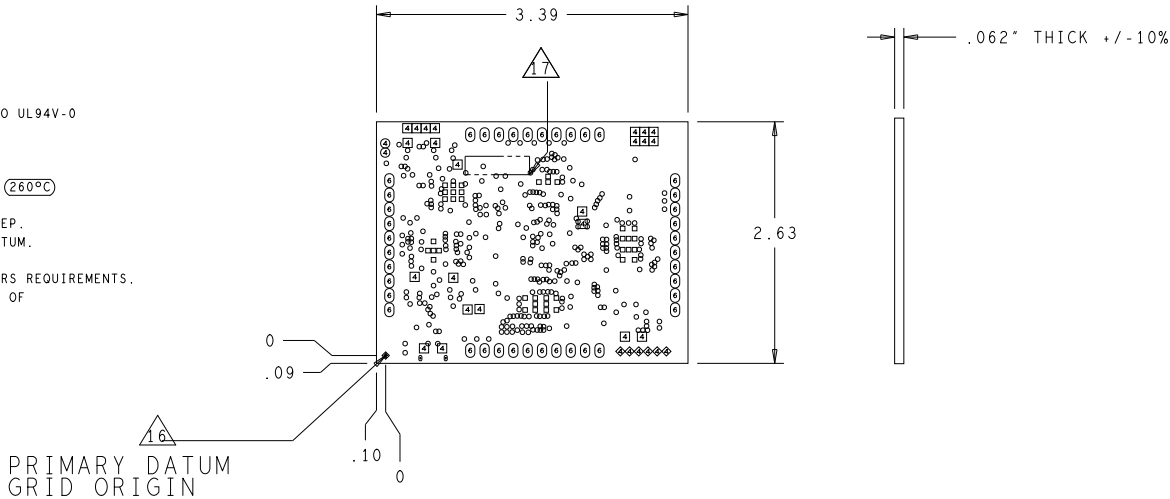






REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	06-04-14	W. B.
	B	RESPIN PER EC052954	08-28-14	W. B.
	C	RESPIN PER EC057096	03-20-15	W. B.

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
○	10.0	+0.0/-10.0	PLATED	354
□	10.1	+0.0/-10.0	PLATED	38
⊞	40.0	+3.0/-3.0	PLATED	23
⊗	40.0	+4.0/-2.0	PLATED	2
⊕	45.0	+3.0/-3.0	PLATED	6
⊖	69.0	+3.0/-3.0	PLATED	40
◆	25.0	+2.0/-2.0	NON-PLATED	1
*	59.0x33.0	+2.0/-2.0	PLATED	2



DETAIL B IMPEDANCE REQUIREMENTS IMPEDANCE TOLERANCE IS 10%								
Layers	Single Ended		Differential			Differential		
	Trace Width (Mils)	Impedance (Ohms)	Trace Width (Mils)	Trace Spacing (Mils)	Impedance (Ohms)	Trace Width (Mils)	Trace Spacing (Mils)	Impedance (Ohms)
L1_PS	8.00	50	6.8	5.00	90	4.0	10.0	120
L4_SS	8.00	50	6.8	5.00	90	4.0	10.0	120

	FINISHED Cu WEIGHT		
	LAYER 1	L1_PS	1/2 to 1 oz.
	LAYER 2	L2_PWR	1 oz.
	LAYER 3	L3_GND	1 oz.
	LAYER 4	L4_SS	1/2 to 1 oz.

DETAIL A  
LAYER STACKUP  
SCALE: NONE

PART NO. <b>170-28398</b>		<b>FREESCALE</b>  6501 WILLIAM CANNON DRIVE WEST AUSTIN, TEXAS 78735 USA	
THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO FREESCALE AND SHALL NOT BE USED FOR ENGINEERING DESIGN PROCUREMENT OR MANUFACTURE IN WHOLE OR IN PART WITHOUT THE CONSENT OF FREESCALE.			
PUBI (PUBLIC INFORMATION)  <input checked="" type="checkbox"/> F100 (FREESCALE INTERNAL USE ONLY)  <input type="checkbox"/> FCP (FREESCALE CONFIDENTIAL PROPRIETARY)		TITLE: <b>PRINTED WIRING BOARD KIT12XS6EVM_CONTROL-BOARD</b>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: .XX DECIMALS ANGLES .XX .01 J3-30 .XXX .005 <input checked="" type="checkbox"/> RMS ALL MACHINED SURFACES BREAK ALL SHARP EDGES AND CORNERS. REMOVE BURRS. UNDERLINED DIM. NOT TO SCALE. THIRD ANGLE ORTHOGRAPHIC PROJECTION IS USED.		APPROVALS  DRAWN <b>MARIO VELASCO</b> CHECKED WANG BRIAN DESIGN ENGINEER <b>VELMURUGAN</b>	DATE  <b>03-20-15</b>  <b>03-20-15</b>  <b>03-20-15</b>
		SIZE <input type="checkbox"/> LAY-28398	CAD FILE NAME  <b>FAB-28398</b>
		DWG. NO.  <b>C</b>	REV  <b>1</b>
		SCALE <b>1/1</b>	DO NOT SCALE DRAWING
		SHEET <b>1</b>	OF <b>1</b>