

REVISION				
REV	DESCRIPTION	DCN	DATE	BY/APPD
1	ADD 50 OHM TEST COUPON		6-27-14	KAK/NV

8

7

6

5

4

3

2

1

COMPONENT SIDE

NOTES UNLESS OTHERWISE SPECIFIED:

- FABRICATE IAW IPC-6012, CLASS 2, CURRENT REVISION.
- BOARD SHALL MEET THE INSPECTION CRITERIA OF IPC-A-600 CLASS 2, CURRENT REVISION.

3. USE ARTWORK 1109803AW, CURRENT REV.

4 MATERIAL: NELCO N4000-13, RoHS COMPLIANT.

5 FINISHED WEIGHT PER SQUARE FOOT NOMINAL:
OUTER LAYERS SHALL BE 1 OZ.

6. DESMEAR HOLES AND VIAS.

7 FINISH: ELECTROLESS NI IMMERSION AU (ENIG).
GOLD PLATING THICKNESS TO BE BETWEEN 3 - 8 MICRONS.

8. SILKSCREEN COMPONENT SIDE ONLY WITH NONCONDUCTIVE EPOXY INK. COLOR SHALL BE A CONTRASTING INK WITH RESPECT TO SOLDERMASK COLOR. DISTORTION OF SILKSCREEN IS ACCEPTABLE OVER TRACES. REMOVE EPOXY INK FROM SOLDER LANDS.

9. APPLY SOLDERMASK OVER BARE COPPER (SMOBC) IAW IPC-SM-840, TOP SIDE ONLY, USING LPI, COLOR CLEAR OR GREEN. SOLDERMASK OVER VIAS IS NOT ACCEPTABLE.

10. NO SOLDERMASK BACK SIDE.

11 SUPPLIER LOT NUMBER/DATE CODE SHALL ONLY BE SILKSCREENED WITH NON-CONDUCTIVE EPOXY INK IN APPROX. LOCATION SHOWN.
NO LOGO SHALL BE PRINTED.

12 PROVIDE ONE THRU BOARD EACH BUILD FROM THAT BUILD.
SEE PAGE 2. USE THRU GERBER.

2.000

1.000

1.250

.000

.250

.370

.000

1.630

4 LAYER
CROSS SECTION
FILM SET

5

LAYER 1 - COMP SIDE
PREPREG 1 OZ. CU
LAYER 2 - GND PLANE 1 OZ. CU
LAYER 3 - GND PLANE 1 OZ. CU
LAYER 4 - BOTTOM SIDE 1 OZ. CU

4 LAYER
CROSS SECTION
DIMENSIONAL TOLERANCE

PREPREG .014 ±.002

CORE

PREPREG .014

.062 ±.006

HOLE SCHEDULE (ALL PLATED THRU DIAMETERS ARE AFTER PLATING)				
SYM	DESCRIPTION	PLATED THRU	QTY	
+	Ø.013 +.003/--.010 THRU	YES	465	
X	Ø.060 ±.003 THRU	YES	4	
□	Ø.102 ±.003 THRU	YES	6	

A

B

C

D

1109803PC

B

C

D

A

TriQuint SEMICONDUCTOR PROPRIETARY INFORMATION

QTY PER DASH NO		ITEM NO	PART OR IDENT NO	CAGE CODE	NOMENCLATURE OR DESCRIPTION	SPEC/STD
PARTS LIST OR MATERIAL						
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN PARENS ARE ANGLES ± 0° 30'						
MATERIAL:			SR	K. KEISEN	4-18-13	
			CHK			
			ENG	W. MA	4-18-13	
			WFO			
			QA			
FINAL PROTECTIVE FINISH:			TF			
			CONF NO.			
			SIZE	CAGE CODE	1109803PC	REV 1
			D	14482		
			SCALE	ONE W/O NO.		
			SHEET	1 OF 1		

PRINTED CIRCUIT BOARD
TQP9321

TriQuint

San Jose, California

DSIZE 7/8/08

8

7

6

5

4

3

2

1