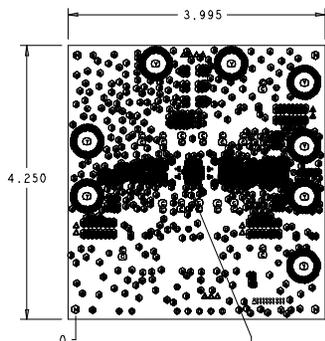


- NOTES: UNLESS OTHERWISE SPECIFIED.
- BOARD IS VIEWED FROM LAYER 1 (PRIMARY SIDE). TOTAL CONDUCTOR LAYERS ARE 6.
  - THIS DRAWING ALSO EXISTS ON ELECTRONIC MEDIA.
  - MANUFACTURE/FABRICATE TO MEET EU ROHS DIRECTIVE. ALL MATERIALS AND SOLDERMASK TO BE COMPLIANT TO EU ROHS DIRECTIVE 2002/95/EC LAMINATE AND RESIN MATERIAL PARAMETERS  
Tg > 170 C  
Td > 294 C
  - FINISH:  
ELECTROLISS NICKEL/GOLD(ENIG)PLATING IS TO BE USED. 3-8 uin GOLD OVER 100uin NICKEL.
  - SOLDERMASK SHALL BE LPI (BLUE) OVER BARE COPPER, 0.0005"-0.002" THICK, AND CONFORM TO THE LATEST REVISION OF IPC-SM-840.
  - CONDUCTOR WIDTH AND SPACING:  
THE NOMINAL CONDUCTOR WIDTH AND SPACING ON FINISHED BOARD IS:  
WIDTH 0.004"  
SPACING 0.004"
  - SILKSCREEN SHALL BE WHITE NONCONDUCTIVE EPOXY INK, AND SHALL NOT APPEAR ON ANY PADS OR MOUNTING HOLES.
  - PRIOR TO BOARD FABRICATION, COMPARE GERBER DATA TO SUPPLIED IPC-D-356A NET LIST. REPORT ALL DISCREPANCIES.
  - VIAS IN PADS MUST BE FILLED USING CONDUCTIVE EPOXY.



SURFACE OF THIS VIAS IN PADS FOR WLCSP MUST BE FLAT AFTER PLATING.  
COPPER FILLED OR PLATE SHUT & PLATE OVER.

DRILL CHART: TOP to BOTTOM  
ALL UNITS ARE IN MILS

FIGURE	SIZE	PLATED	QTY
⊙	6.0	PLATED	48
⊙	8.0	PLATED	69
⊙	8.0	PLATED	1503
⊙	23.0	PLATED	19
⊙	23.0	PLATED	1
⊙	40.0	PLATED	17
⊙	40.0	PLATED	14
⊙	40.0	PLATED	14
⊙	40.0	PLATED	10
⊙	41.0	PLATED	3
⊙	100.0	PLATED	2
⊙	255.0	PLATED	8
⊙	128.0	NON-PLATED	4

DRILL CHART: TOP to L2  
ALL UNITS ARE IN MILS

FIGURE	SIZE	PLATED	QTY
⊙	4.0	PLATED	33
⊙	6.0	PLATED	202

COPPER FILLED  
COPPER FILLED

DRILL CHART: L2 to L3  
ALL UNITS ARE IN MILS

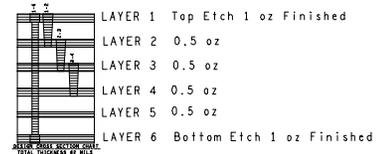
FIGURE	SIZE	PLATED	QTY
⊙	4.0	PLATED	44

COPPER FILLED

DRILL CHART: L3 to L4  
ALL UNITS ARE IN MILS

FIGURE	SIZE	PLATED	QTY
⊙	6.0	PLATED	45

COPPER FILLED



Drawn By: MARGARET SAVIEO	Date Drawn: 11/07/17	Engineer: ZHIGANG LIANG
Released By:	Date Released:	ISL91212A11-EVZ Fabrication Drawing
Updated By:	Date Updated: 01/09/19	ISSUE NO. N/A ISSUE TO N/A
		REV. A
FILENAME: ISL91212A11-EVZ REVA	SHEET 1 of 1	