

SURFACE OF THIS VIAS IN PADS FOR WLCSP MUST BE FLAT AFTER PLATING.
COPPER FILLED OR PLATE SHUT & PLATE OVER.
ALL THE VIAS INSIDE THIS OUTLINE MUST BE COPPER FILLED.
ALL THE VIAS IN PADS OUTSIDE THIS OUTLINE CAN USE NON CONDUCTIVE EPOXY

NOTES: UNLESS OTHERWISE SPECIFIED.

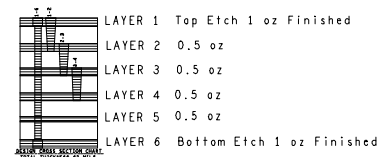
- BOARD IS VIEWED FROM LAYER 1 (PRIMARY SIDE). TOTAL CONDUCTOR LAYERS ARE 6.
- THIS DRAWING ALSO EXISTS ON ELECTRONIC MEDIA.
- MANUFACTURE/FABRICATE TO MEET EU RoHS DIRECTIVE. ALL MATERIALS AND SOLDERMASK TO BE COMPLIANT TO EU RoHS DIRECTIVE 2002/95/EC LAMINATE AND RESIN MATERIAL PARAMETERS
Tg > 170 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 (RED) 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 0.006"
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.

DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
*	6.0	PLATED	16
⊙	8.0	PLATED	63
⊙	8.0	PLATED	847
⊙	10.0	PLATED	5
*	23.0	PLATED	19
*	23.0	PLATED	1
⊙	40.0	PLATED	16
⊙	40.0	PLATED	9
⊙	40.0	PLATED	9
Δ	40.0	PLATED	14
Δ	41.0	PLATED	1
⊙	255.0	PLATED	4
⊙	128.0	NON-PLATED	4

DRILL CHART: TOP to L2			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
*	4.0	PLATED	50
*	6.0	PLATED	231

DRILL CHART: L2 to L3			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
*	4.0	PLATED	44

DRILL CHART: L3 to L4			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
*	6.0	PLATED	33



COPPER FILLED OR PLATE SHUT & PLATE OVER.
COPPER FILLED OR PLATE SHUT & PLATE OVER.

COPPER FILLED OR PLATE SHUT & PLATE OVER.

COPPER FILLED OR PLATE SHUT & PLATE OVER.

Drawn By: MARGARET SAVIEO	Date Drawn: 04/02/18	Engineer: ZHIGANG LIANG
Released By:	Date Released:	ISL91302B40-EVZ
Updated By: AJIT PAL	Date Updated: 04/12/18	Fabrication Drawing
RENESES	MAXX N/A	DATE TO N/A
FILENAME: ISL91302B40-EVZA	SHEET 1 of 1	REV. A