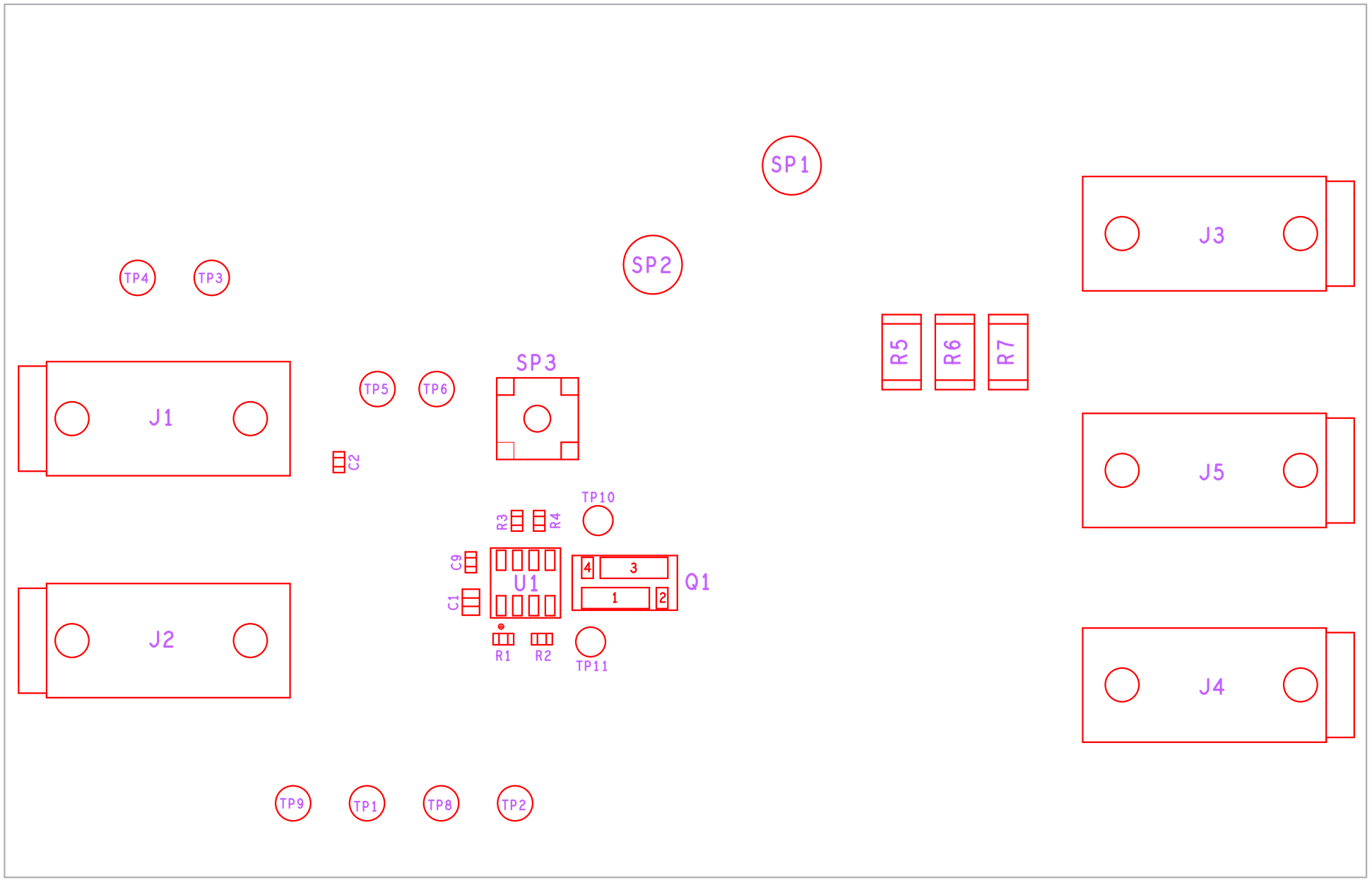
ISL70040SEHEV5Z REV.A

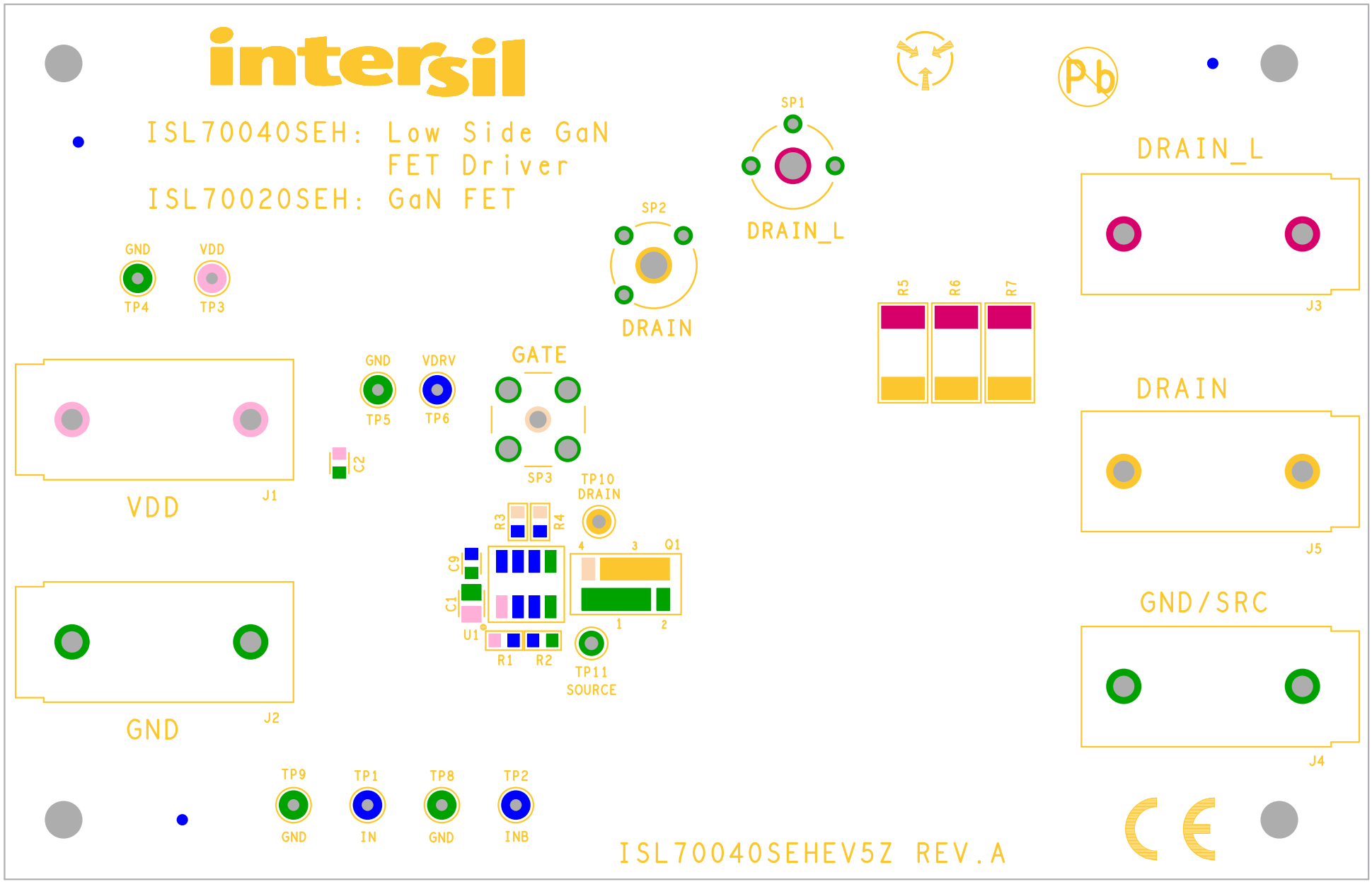


ASSEMBLY TOP

INTERSIL CORPORATION

07-26-2019

ISL70040SEHEV5Z REV.A

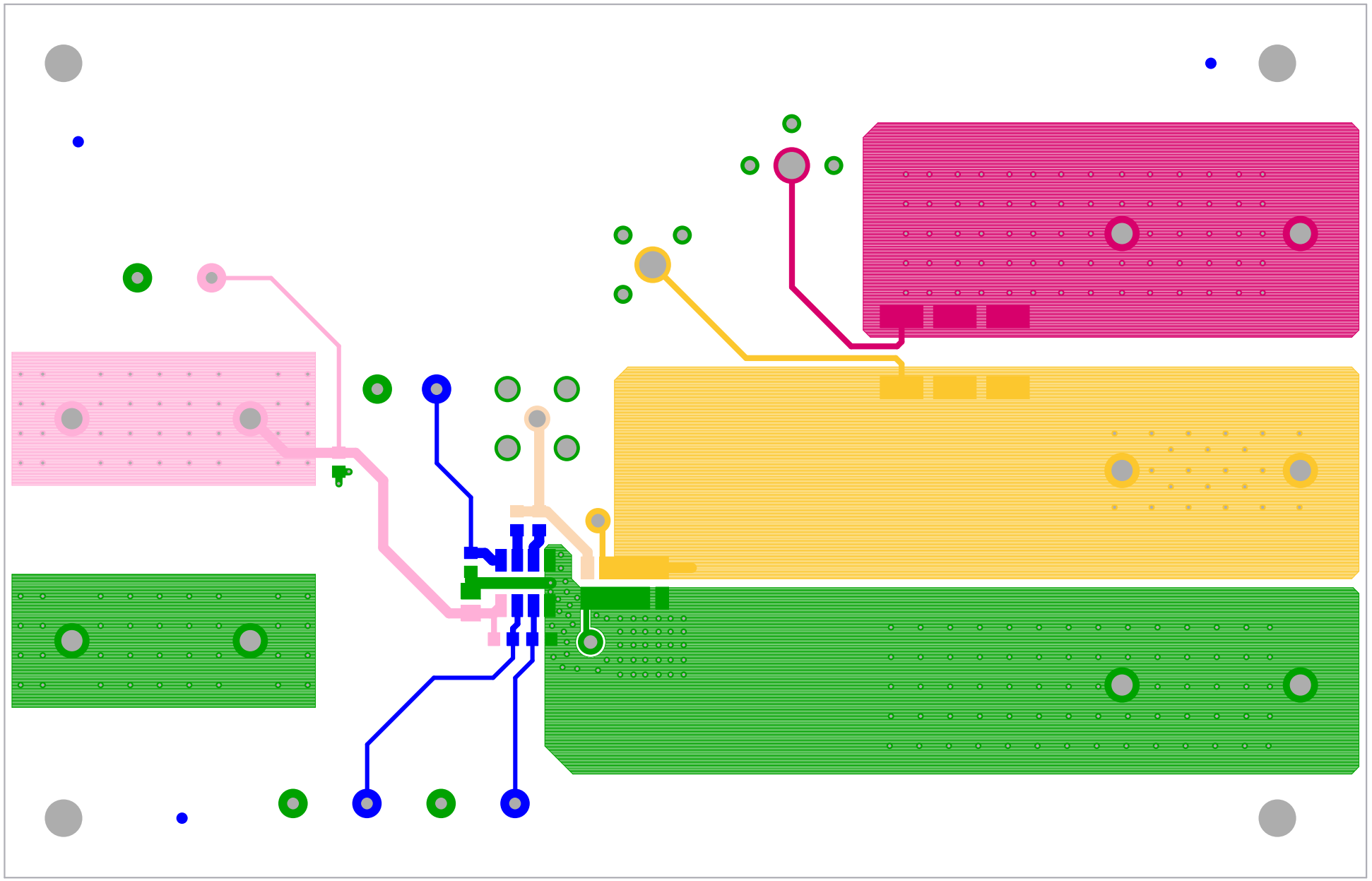


SILK SCREEN TOP

INTERSIL CORPORATION

07-26-2019

ISL70040SEHEV5Z REV.A

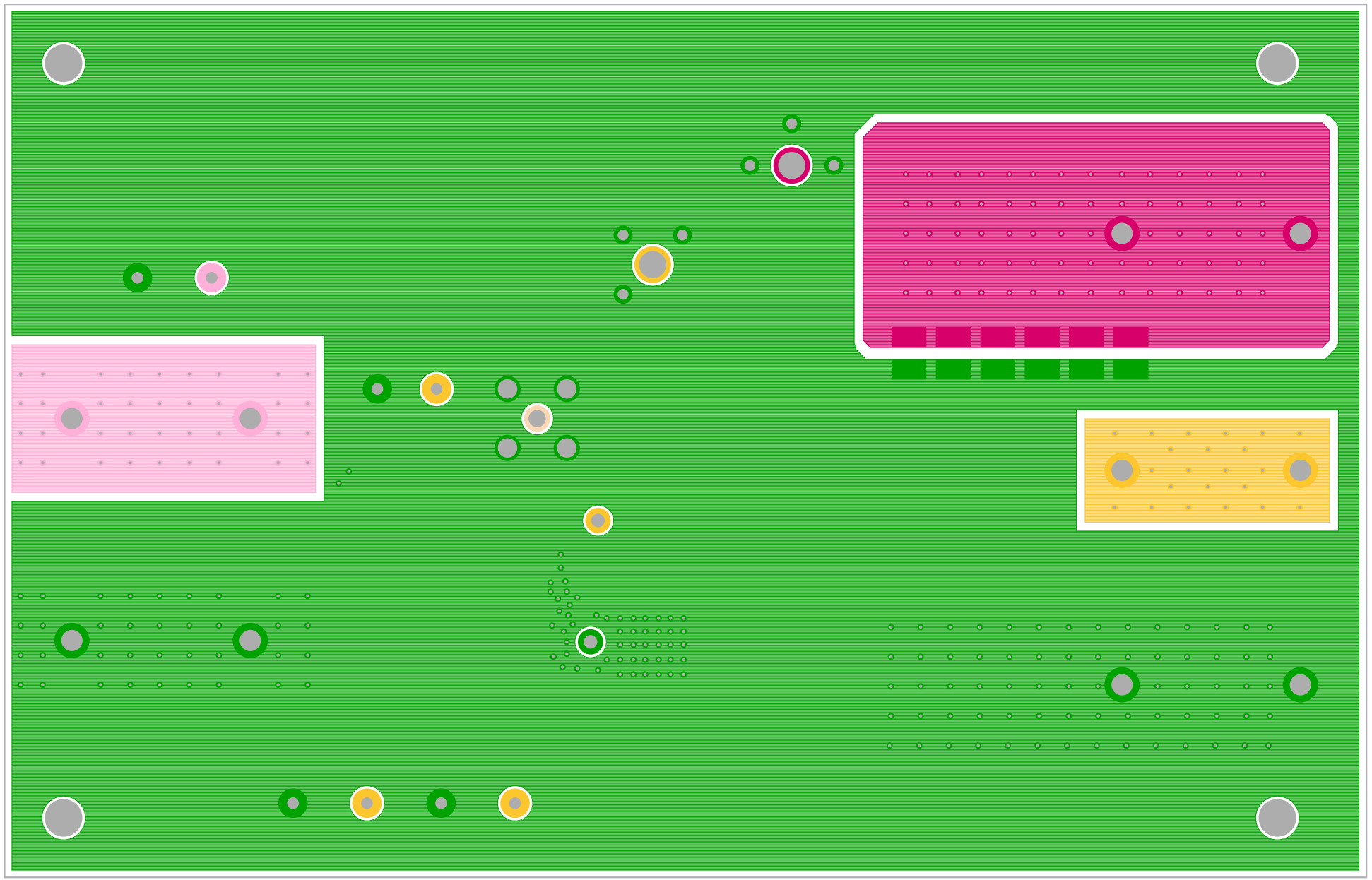


TOP LAYER COMPONENT SIDE

INTERSIL CORPORATION

07-26-2019

ISL70040SEHEV5Z REV.A

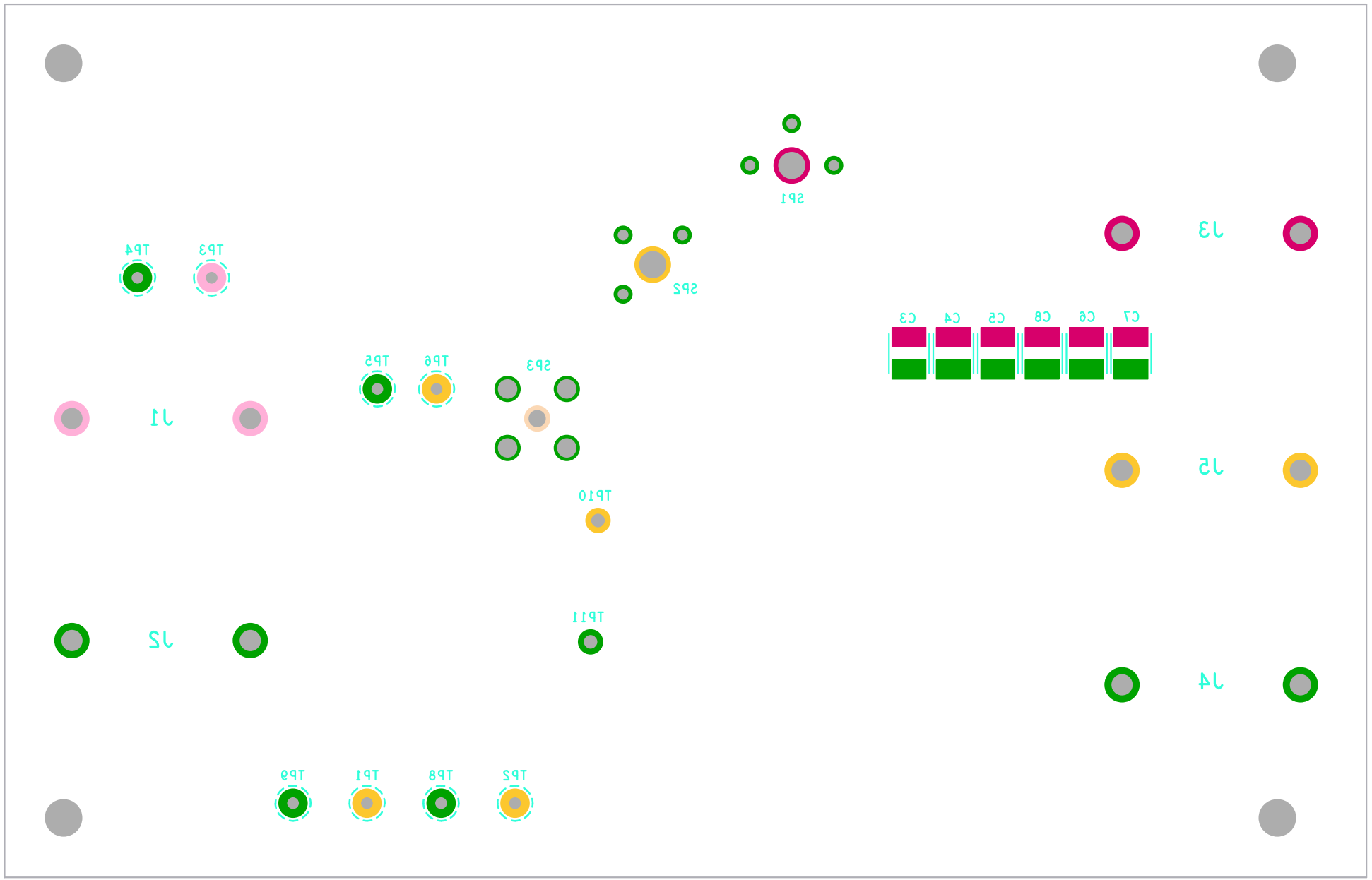


BOTTOM LAYER SOLDER SIDE

INTERSIL CORPORATION

07-26-2019

ISL70040SEHEV5Z REV.A



SILK SCREEN BOTTOM

INTERSIL CORPORATION

07-26-2019

ISL70040SEHEVS2 REV.A

SILK SCREEN BOTTOM

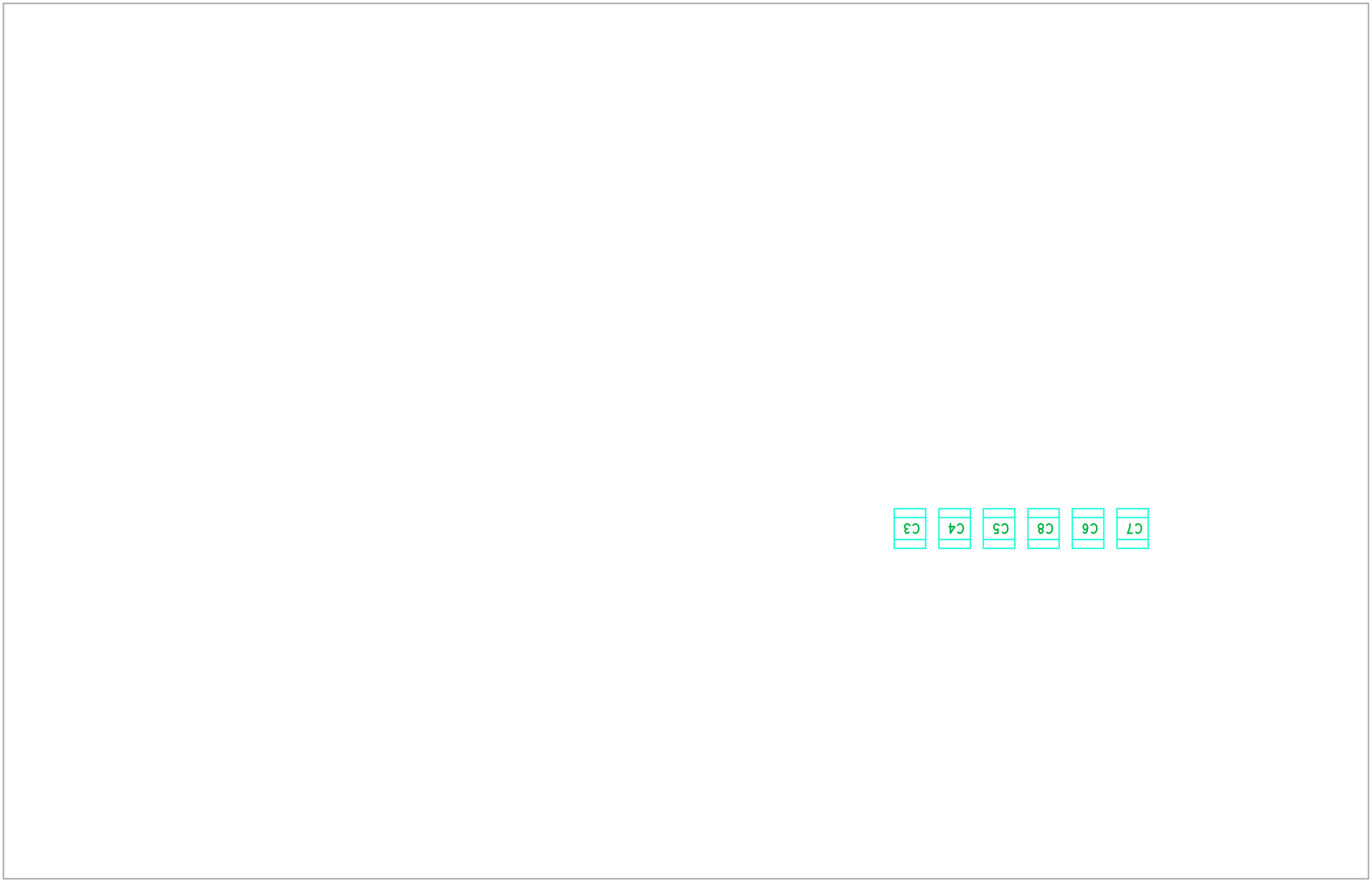
INTERSIL CORPORATION

07-29-2019

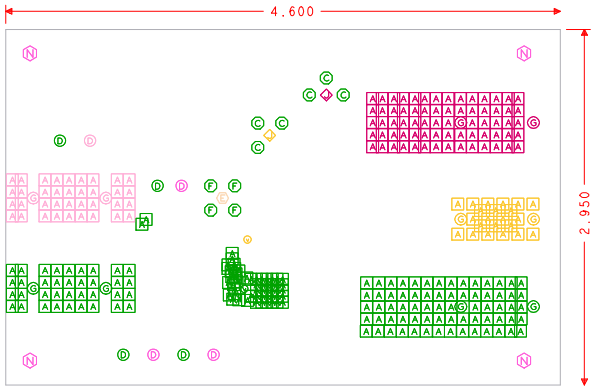
07-26-2016

INTERSIL CORPORATION

ASSEMBLY BOTTOM



ISL70040SEHEV5Z REV.A



DRILL

DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
A	12.0	PLATED	287
C	37.0	PLATED	6
D	40.0	PLATED	8
W	46.0	PLATED	2
E	59.0	PLATED	1
F	67.0	PLATED	4
G	72.0	PLATED	10
◇	93.0	PLATED	2
N	128.0	NON-PLATED	4

NOTES:

1. THIS BOARD IS RoHS COMPLIANT.
2. PRINTED WIRING BOARD DESIGN AND ACCEPTANCE CRITERIA SHALL BE IAW WITH THE REQUIREMENTS OF IPC-D-275 AND IPC-A-600.
3. MATERIAL: FR4 (RoHS COMPLIANT), 2 OZ COPPER.
4. APPLY SOLDER MASK, BOTH SIDES OVER BARE COPPER IAW IPC-SM-840. CLASS 2 (LPI) (BLUE MASK).
5. ALL PATTERNS ARE VIEWED FROM THE PRIMARY SIDE LOOKING THROUGH THE BOARD.
6. UNLESS OTHERWISE SPECIFIED ALL HOLE DIAMETERS ARE AFTER PLATING.
7. APPLY SILKSCREEN USING WHITE NON-CONDUCTIVE EPOXY BASED INK.
8. PWB MUST BE 100% ELECTRICALLY TESTED FOR SHORTS AND CONTINUITY. USE NETLIST PROVIDED ISL70040SEHEV5ZA_IPC356.IPC IAW IPC-D-356.
9. MARK DATE CODE AND MANUFACTURES IDENIFICATION ON SOLDER SIDE PER IPC-6011 AND IPC-6012.
10. TOLERANCE ON ALL DRILL HOLES SHALL BE IAW IPC-D-2221 & 2222 UNLESS OTHERWISE SPECIFIED.

Drawn By: Tim Klemann	Date Drawn: 07/12/2019	Engineer: Kiran Bernard
Released By:	Date Released:	ISL70040SEH EVALUATION BOARD LAYOUT
Updated By:	Date Updated:	MASK#: — HDWR ID: ISL70040SEHEV5Z REV: A
intersil A Renesas Company	FILENAME: ∿/ISL70040SEH/ISL70040SEHEV5ZA	SHEET: 1 of 1