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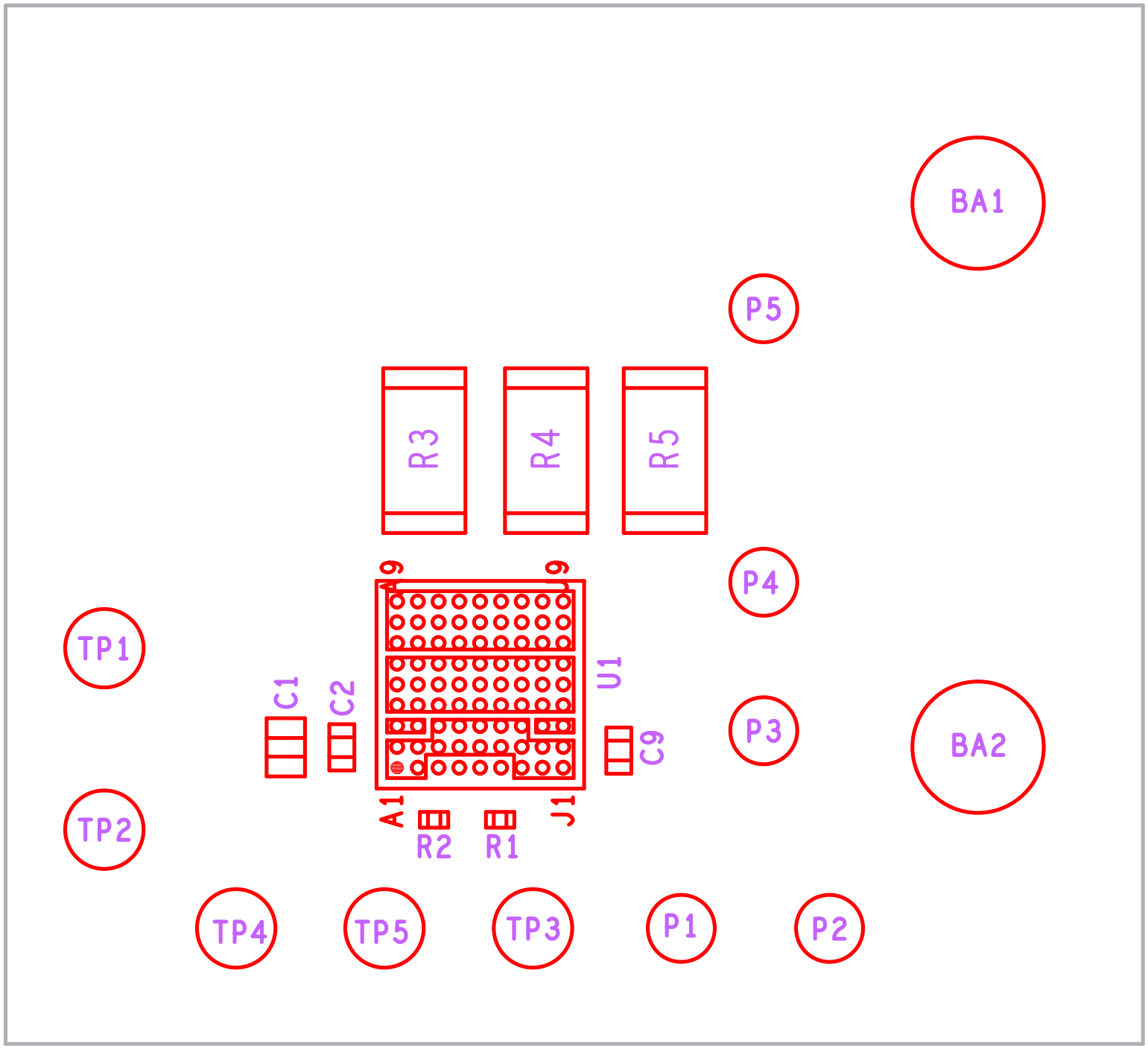

ASSEMBLY TOP

INTERSIL

08-26-2020

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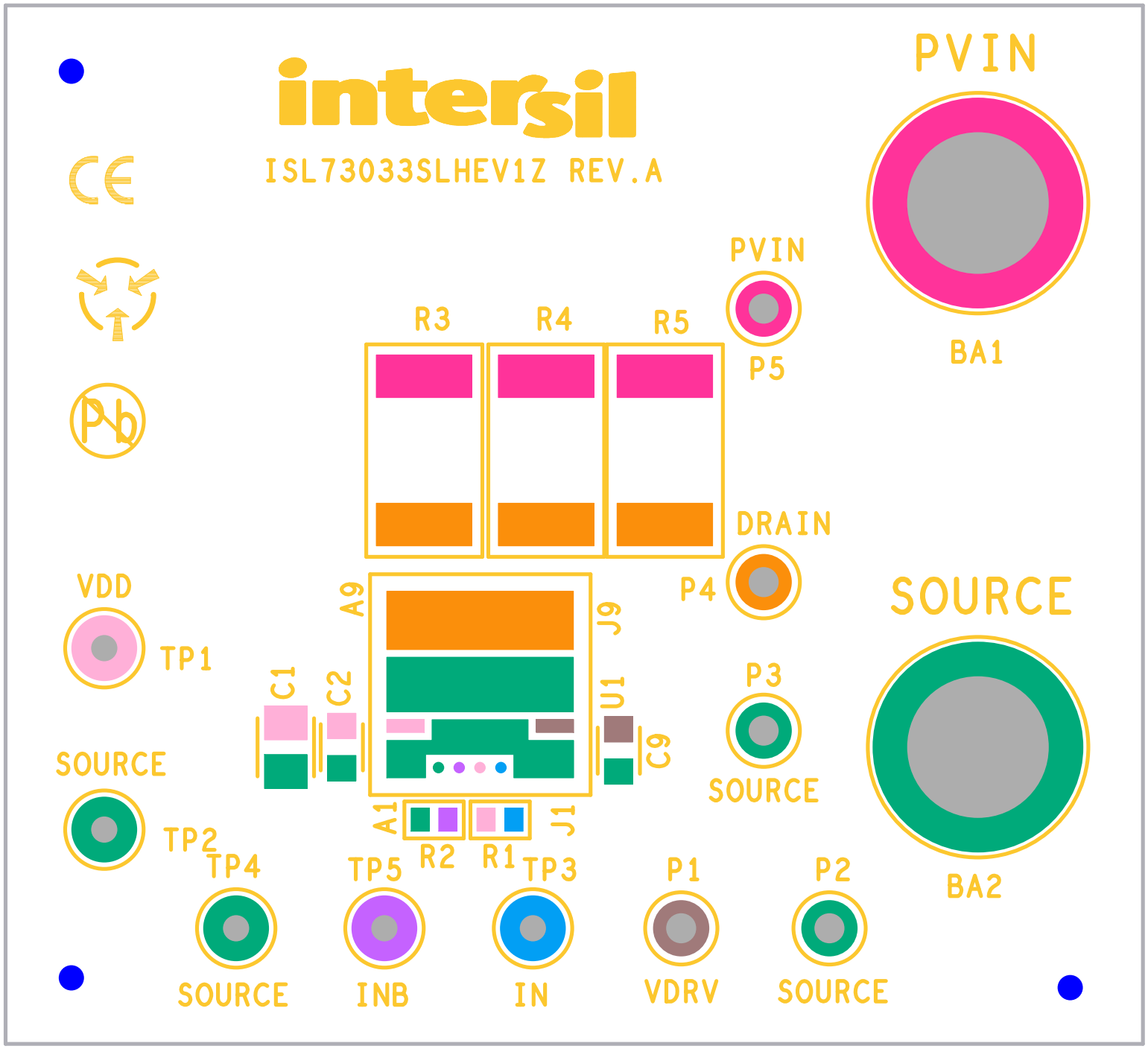

SILK SCREEN TOP

INTERSIL

08-26-2020

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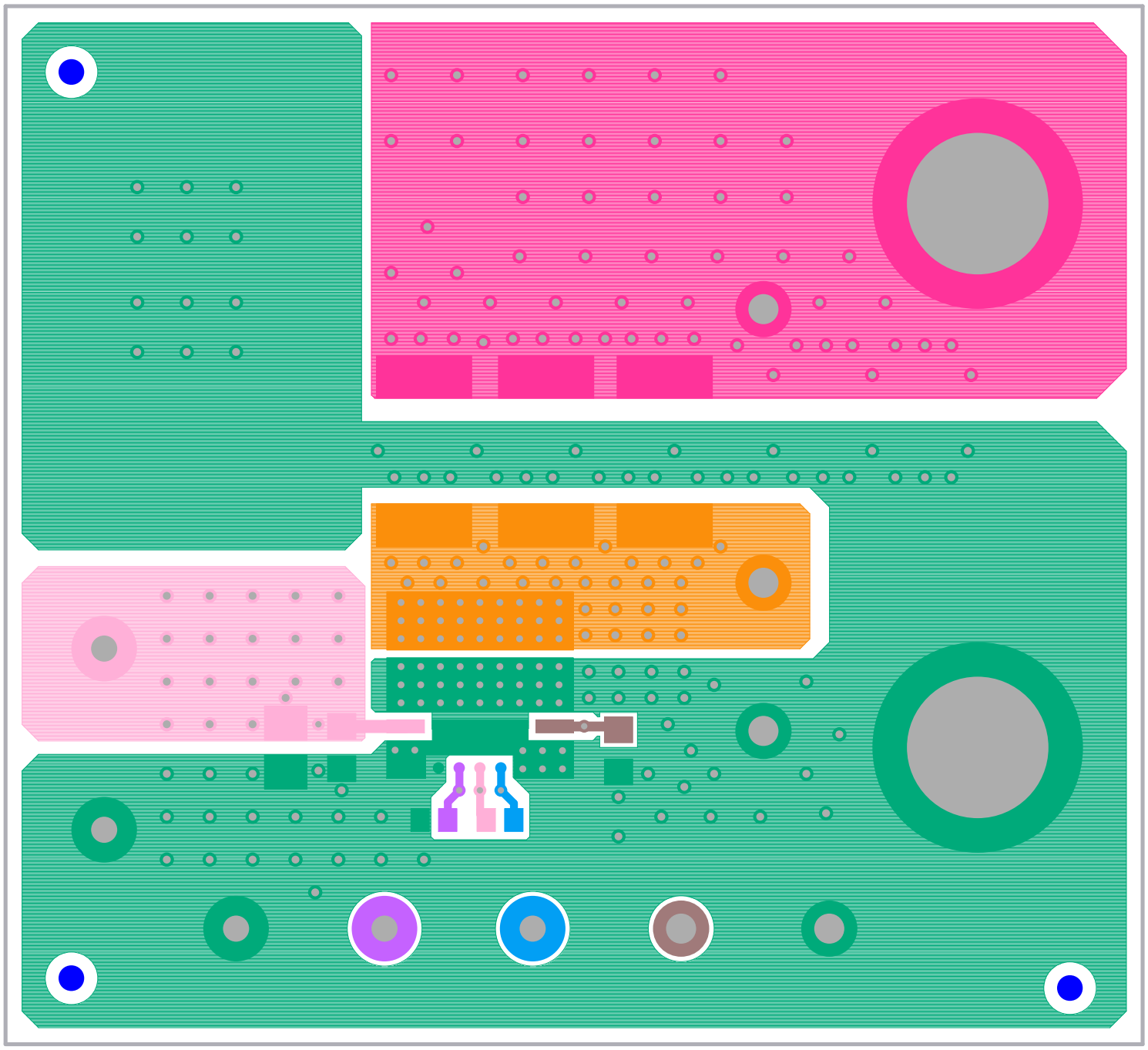

TOP LAYER COMPONENT SIDE

INTERSIL

08-26-2020

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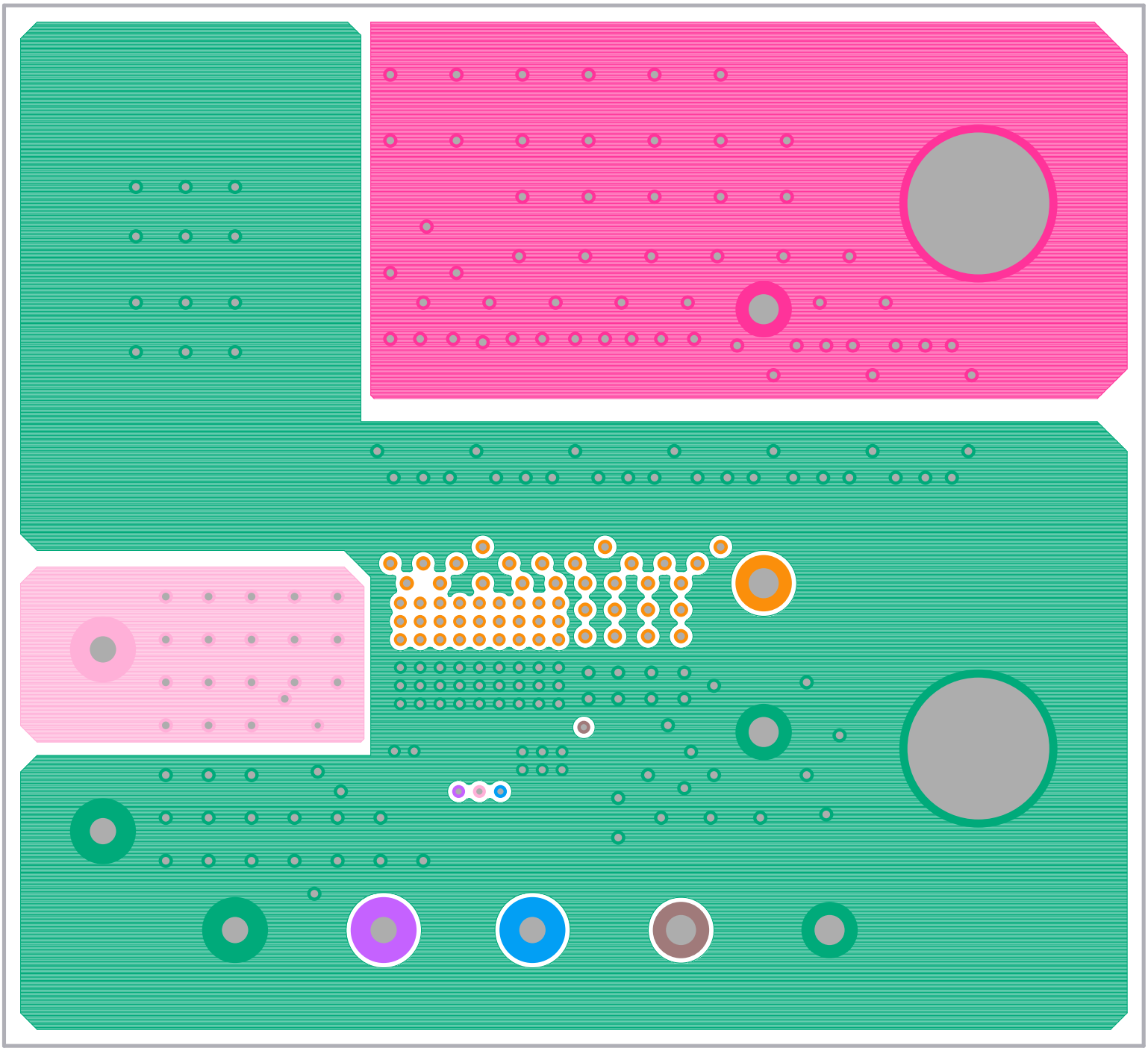

LAYER 2
INTERSIL
08-26-2020

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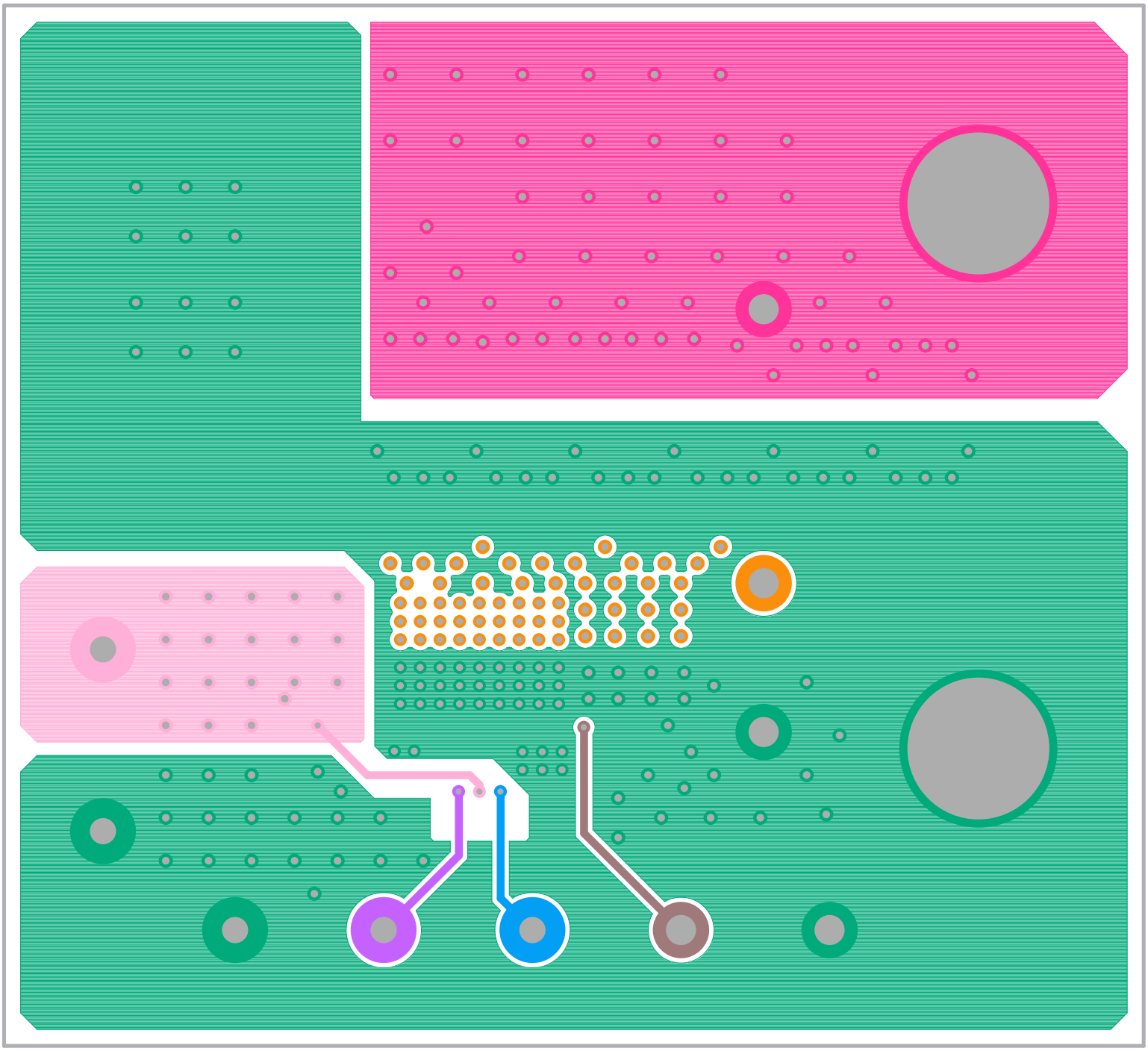

LAYER 3

INTERSIL

08-26-2020

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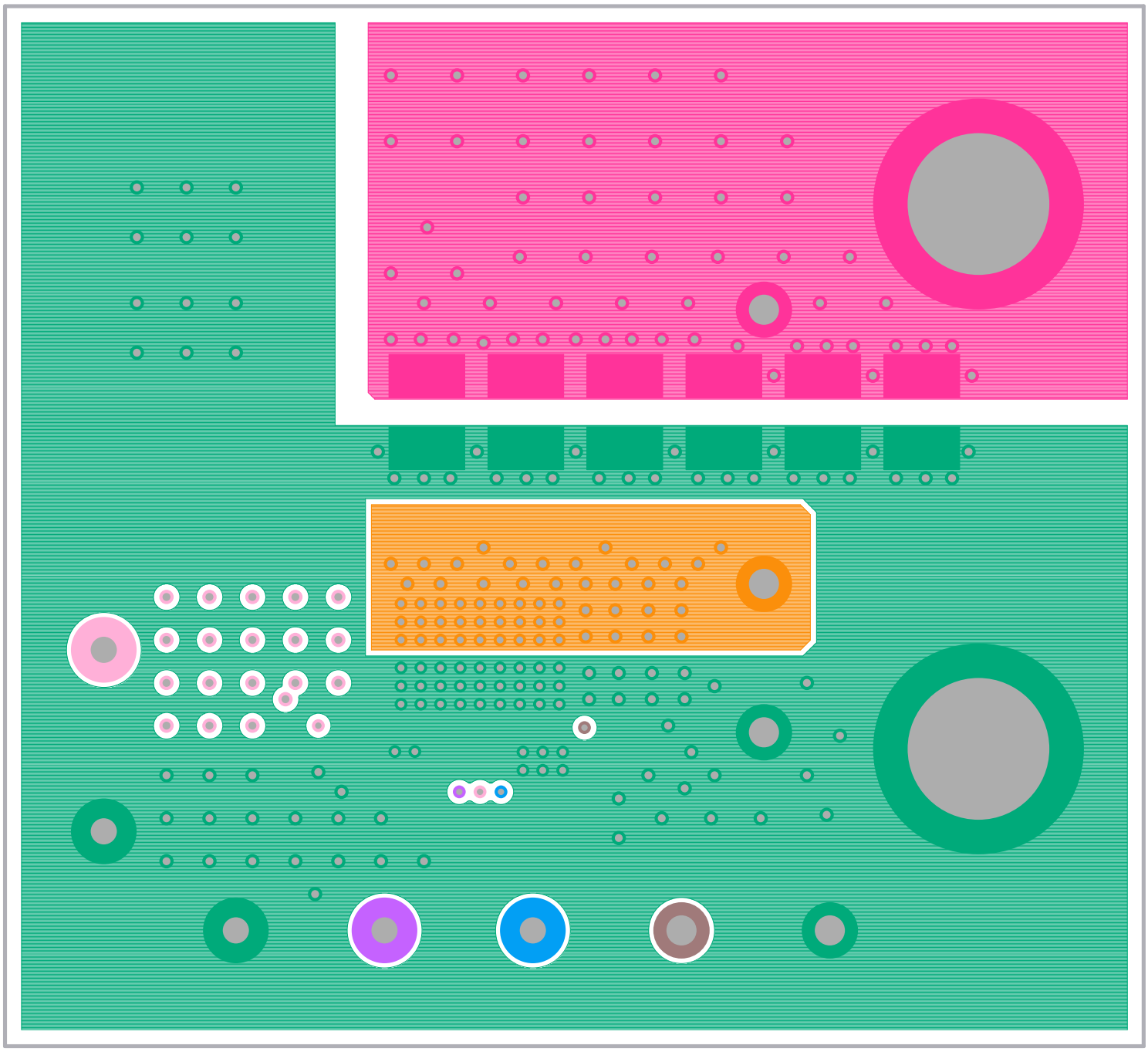
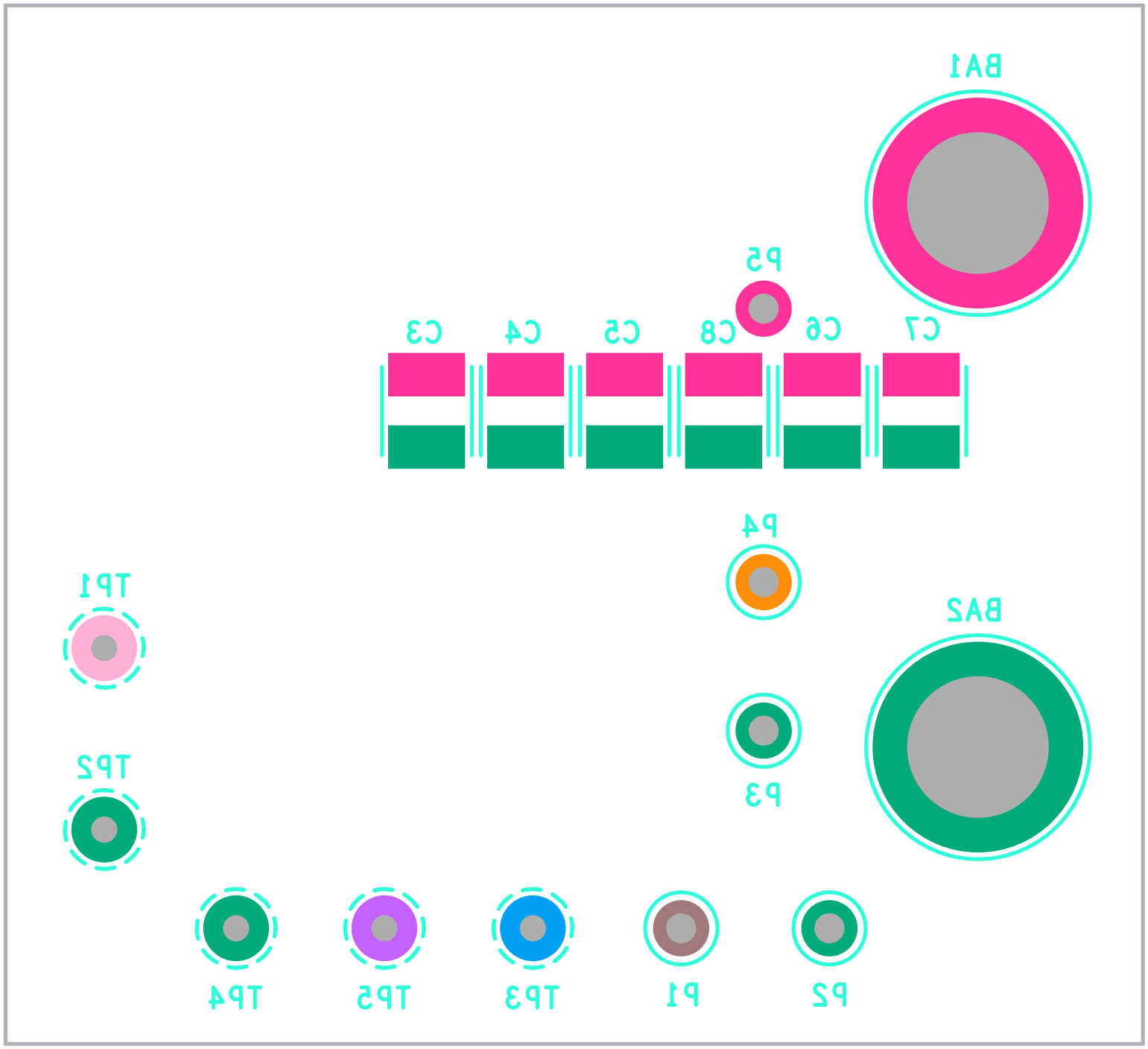


BOTTOM LAYER SOLDER SIDE

INTERSIL

08-26-2020

ISL73033SLHEV1Z REV.A



SILK SCREEN BOTTOM

INTERSIL

08-26-2020

ISL73033SLHEV1Z REV.A

SILK SCREEN BOTTOM

INTERSIL

08-26-2020

ISL73033SLHEV1Z REV.A

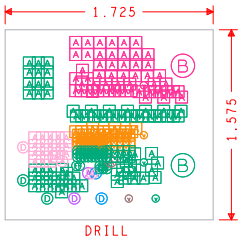
ASSEMBLY BOTTOM

INTERSIL

08-26-2020

PHYSICAL BOARD DIMENSIONS
& LAYER STRUCTURE

DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
Ⓐ	10.0	PLATED	5
Ⓒ	11.0	PLATED	62
Ⓐ	12.0	PLATED	182
Ⓓ	40.0	PLATED	5
⊙	46.0	PLATED	5
Ⓑ	215.0	PLATED	2



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 LAYERS 1 & 4, 1 OZ.LAYERS 2 & 3..
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 ISL73033SLHEV1ZA_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.
11. ALL 11 MIL VIAS ARE TO BE NON-CONDUCTIVE EPOXY FILLED AND CAPPED.

Drawn By: Tim Klemann	Date Drawn: 09/02/2020	Engineer: Kiran Bernard
Released By:	Date Released:	ISL73033SLH EVALUATION BOARD LAYOUT
Updated By:	Date Updated:	MASK# / HDWR ID: ISL73033SLHEV1Z / REV.: A
intersil	FILENAME: ~/ISL73033SLH/ISL73033SLHEV1ZA	SHEET: 1 of 1