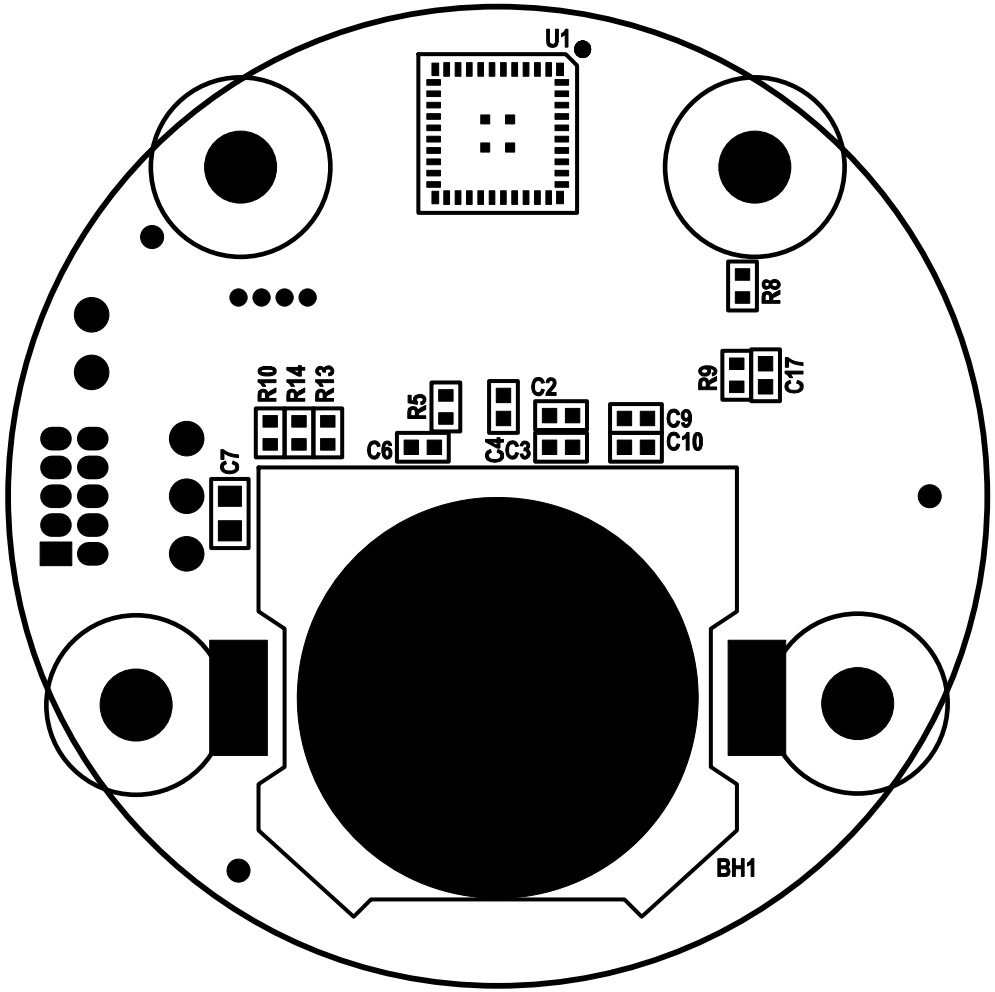
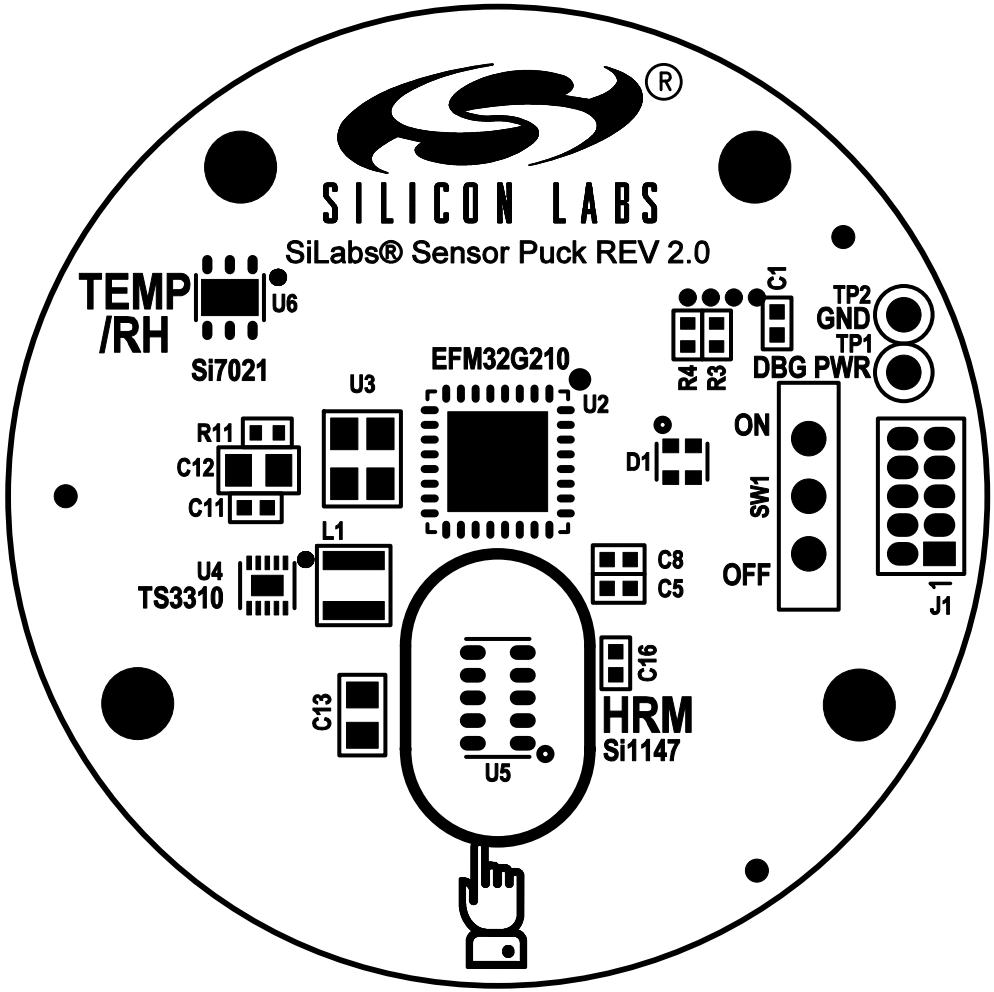
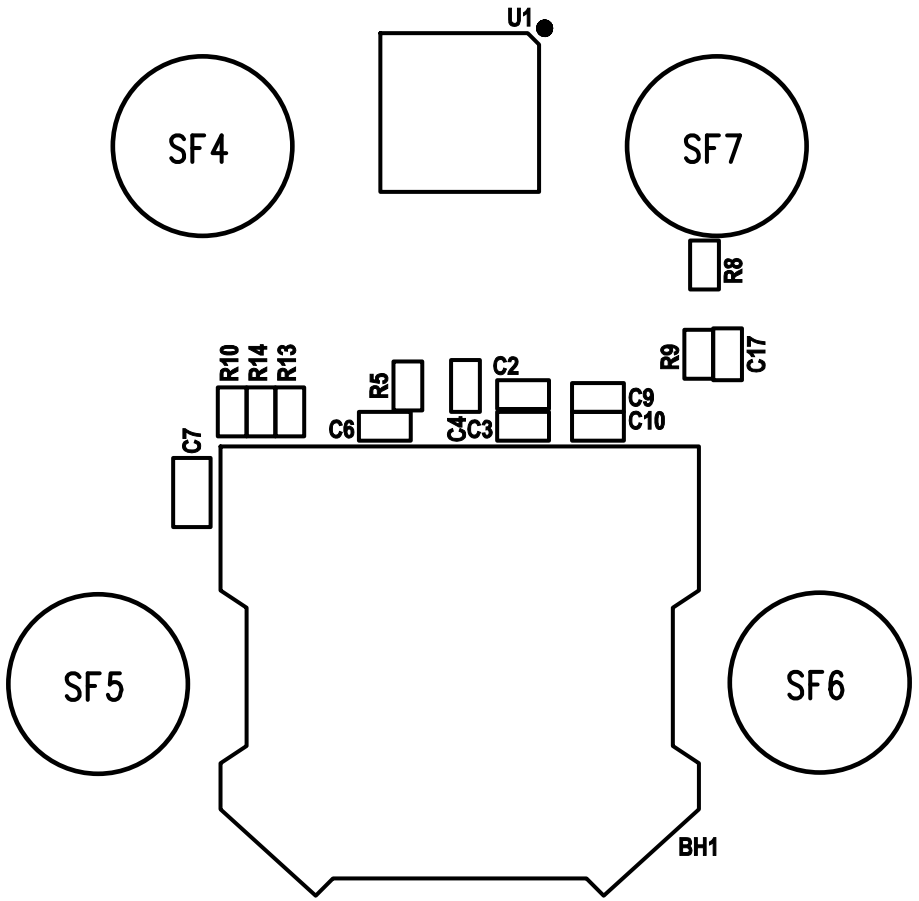
PRIMARY SILKSCREEN



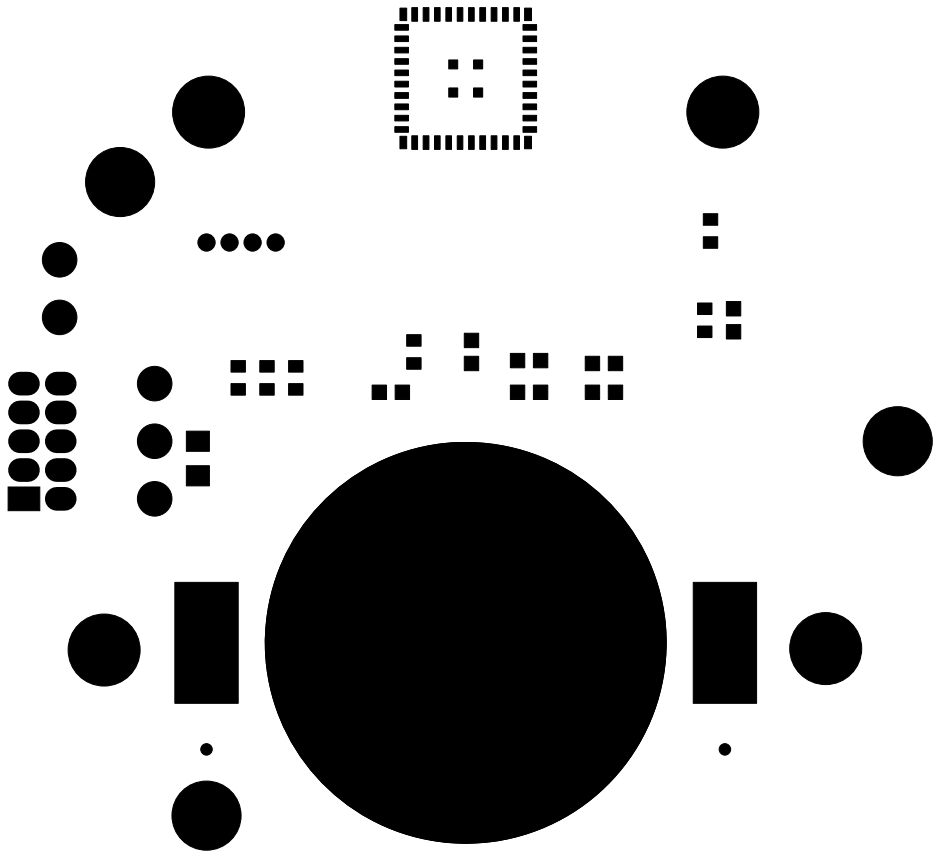
SECONDARY SILKSCREEN



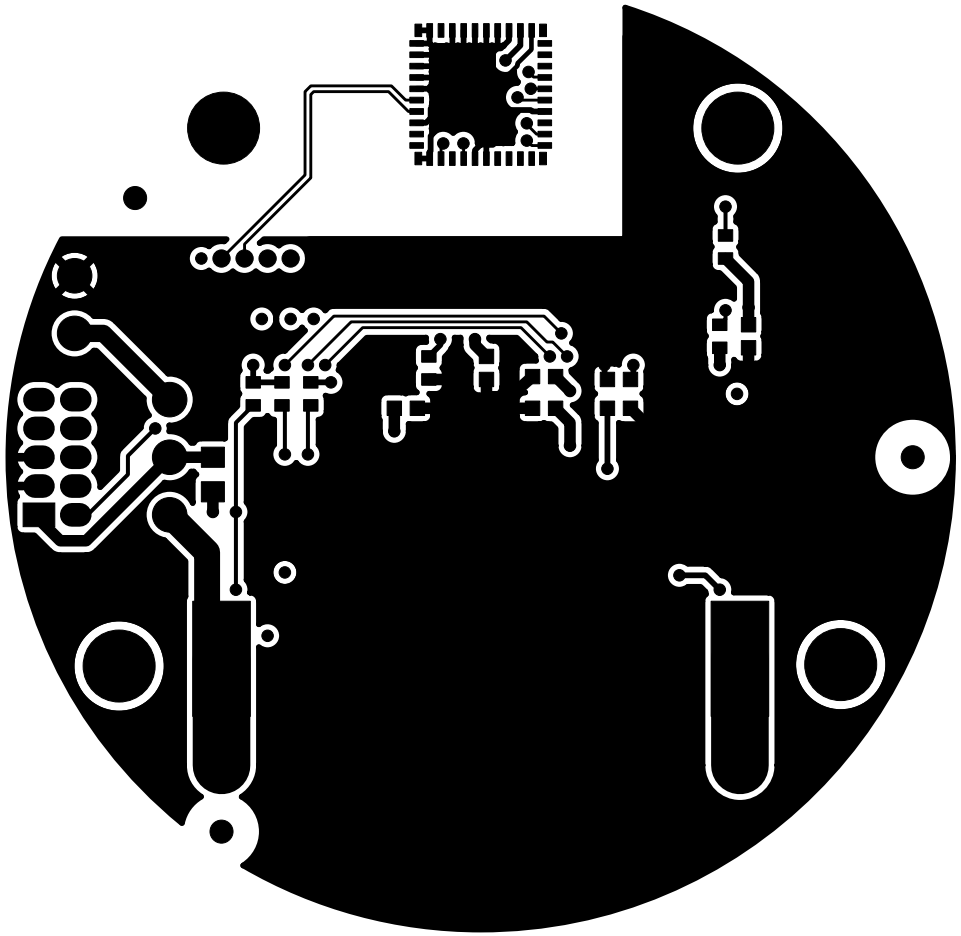
PRIMARY SILKSCREEN



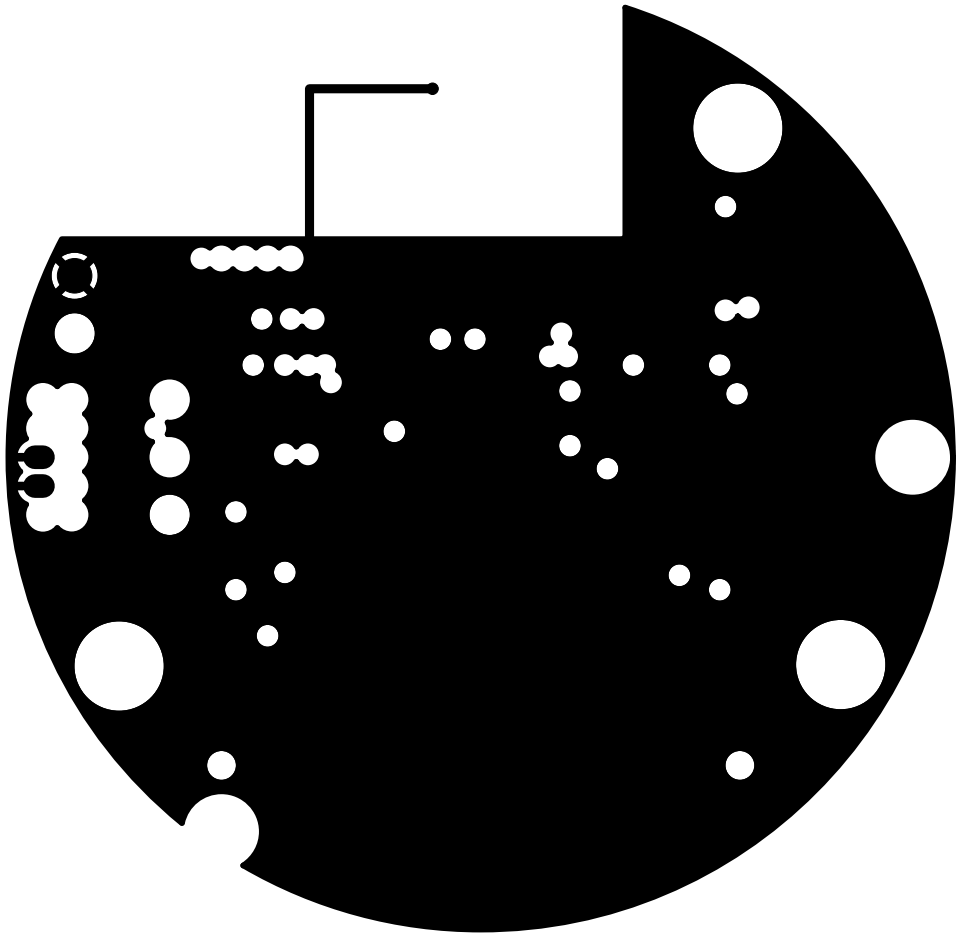
PRIMARY SOLDER MASK



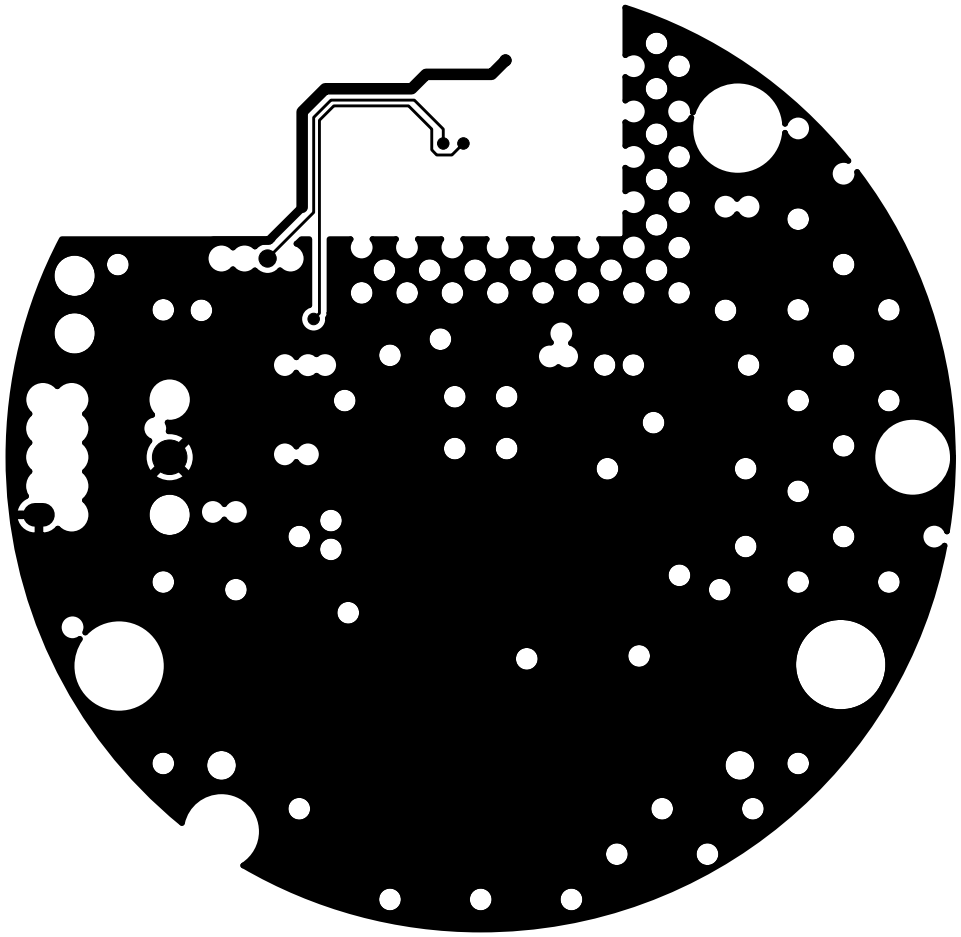
PRIMARY SIDE



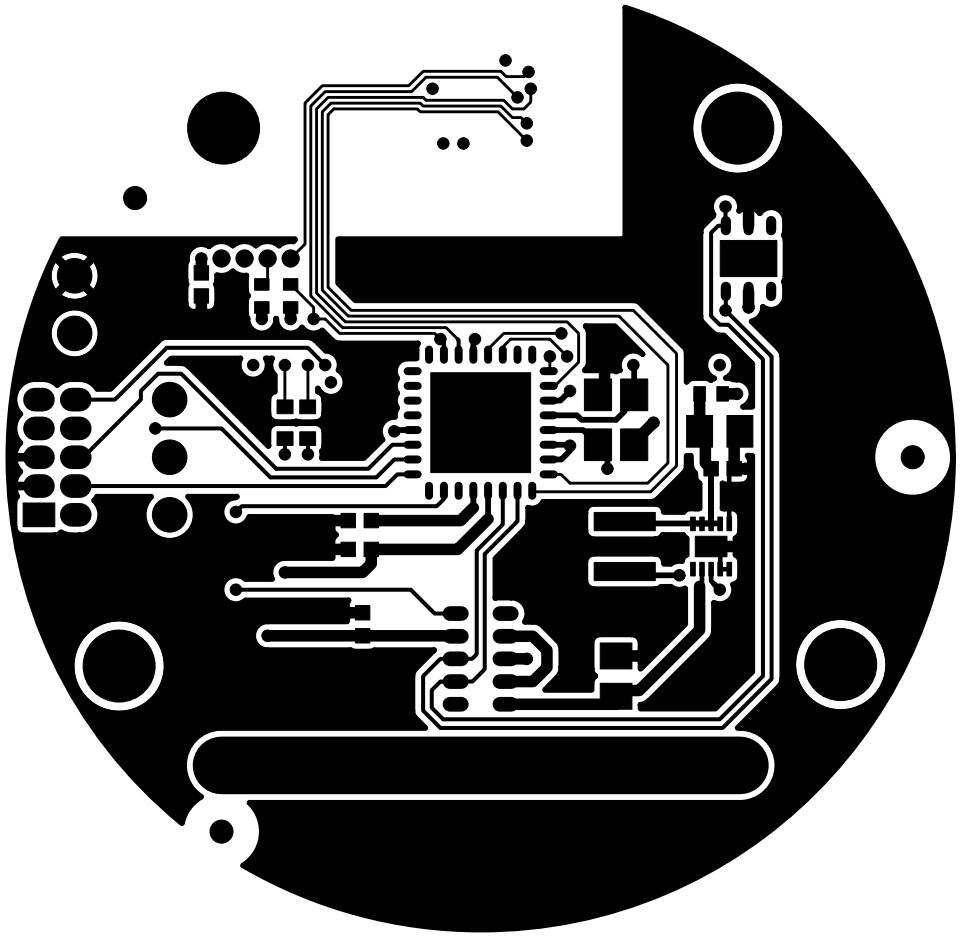
GROUND PLANE



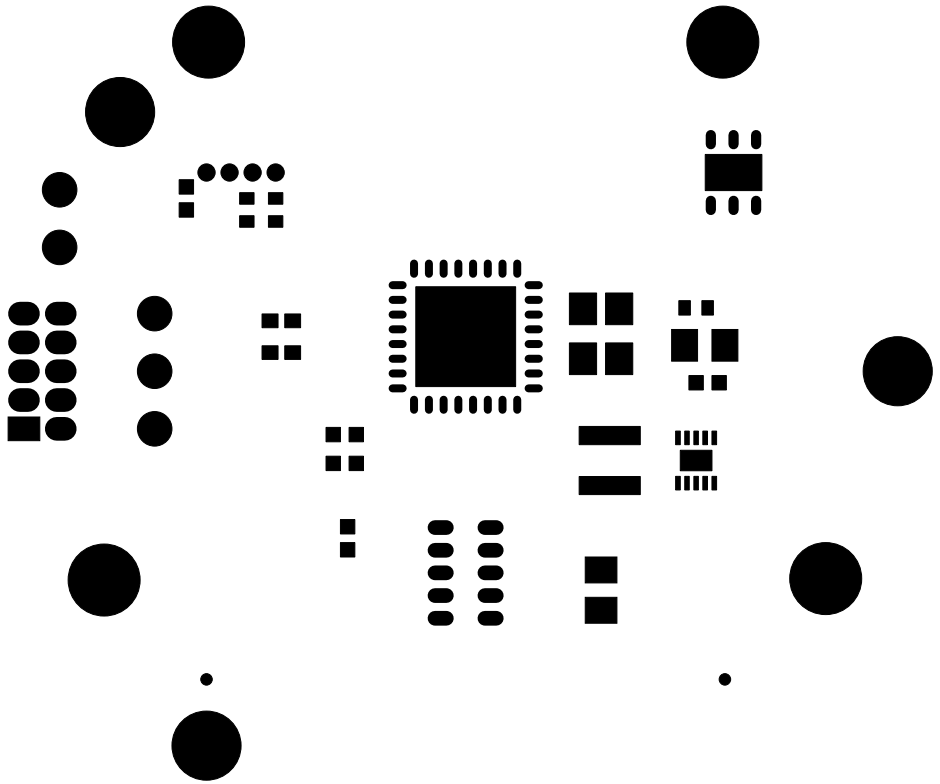
POWER PLANE



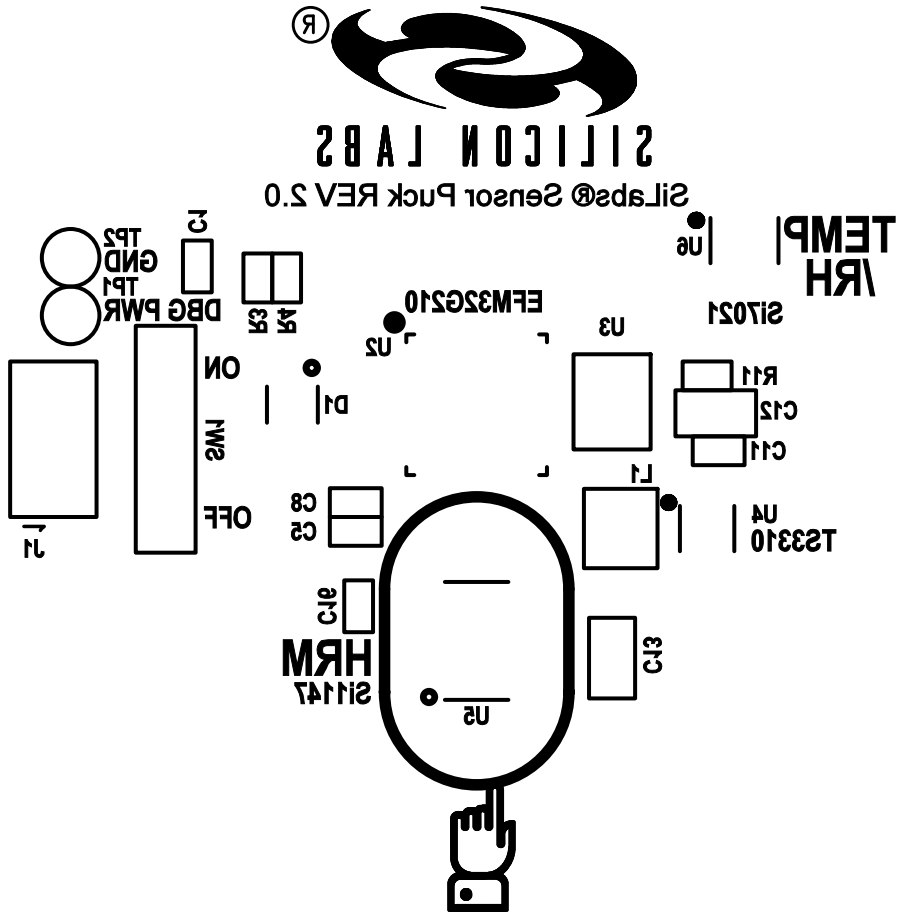
SECONDARY SIDE



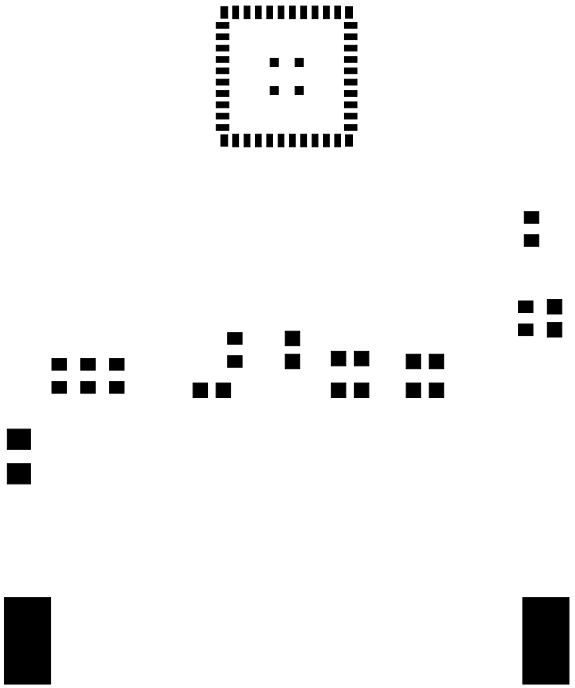
SECONDARY SOLDER MASK



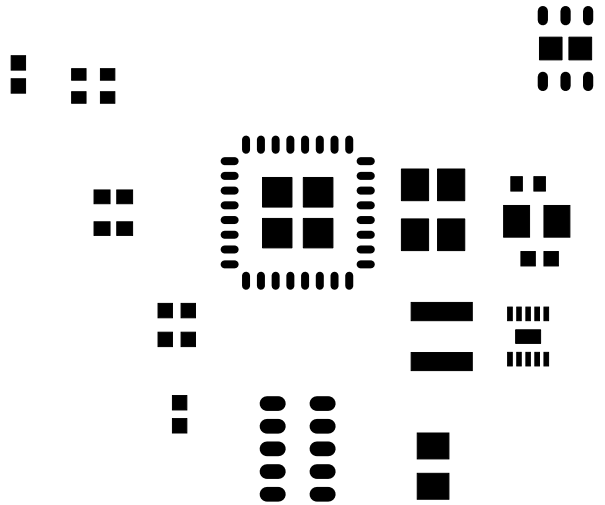
SECONDARY SILKSCREEN

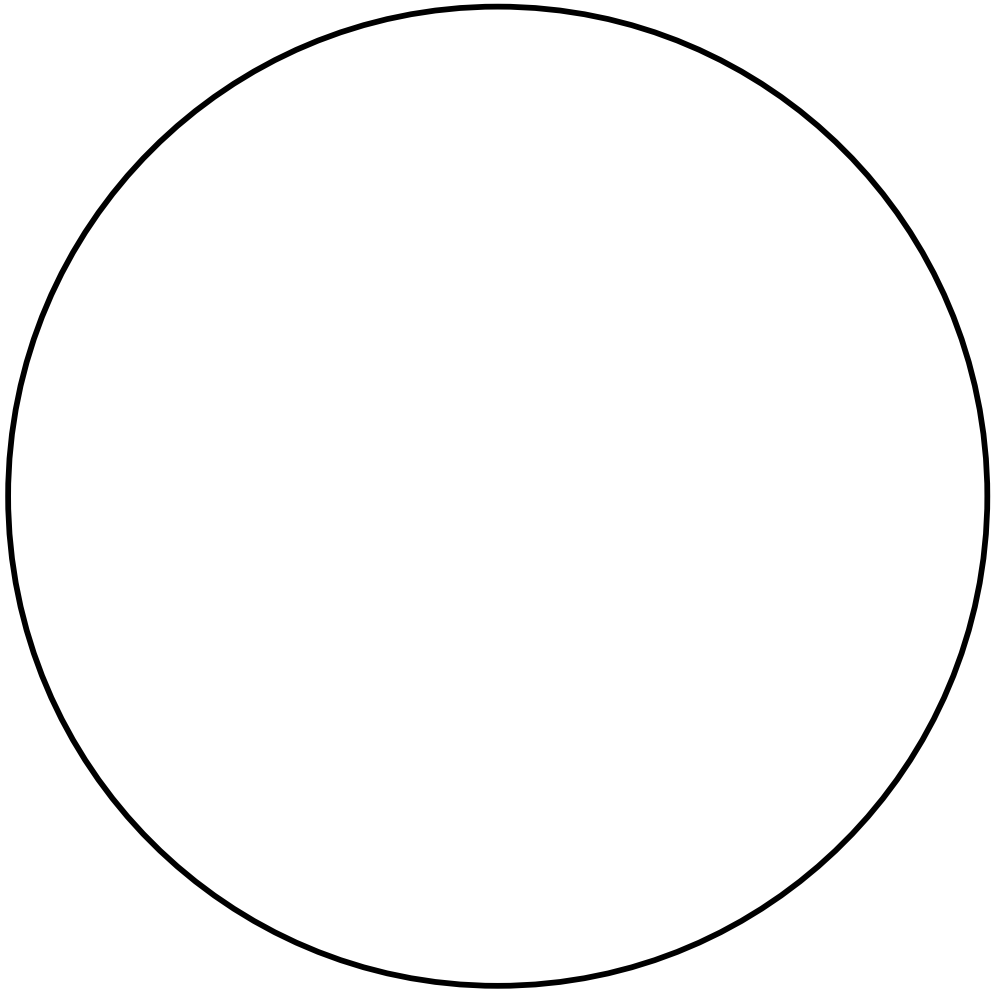


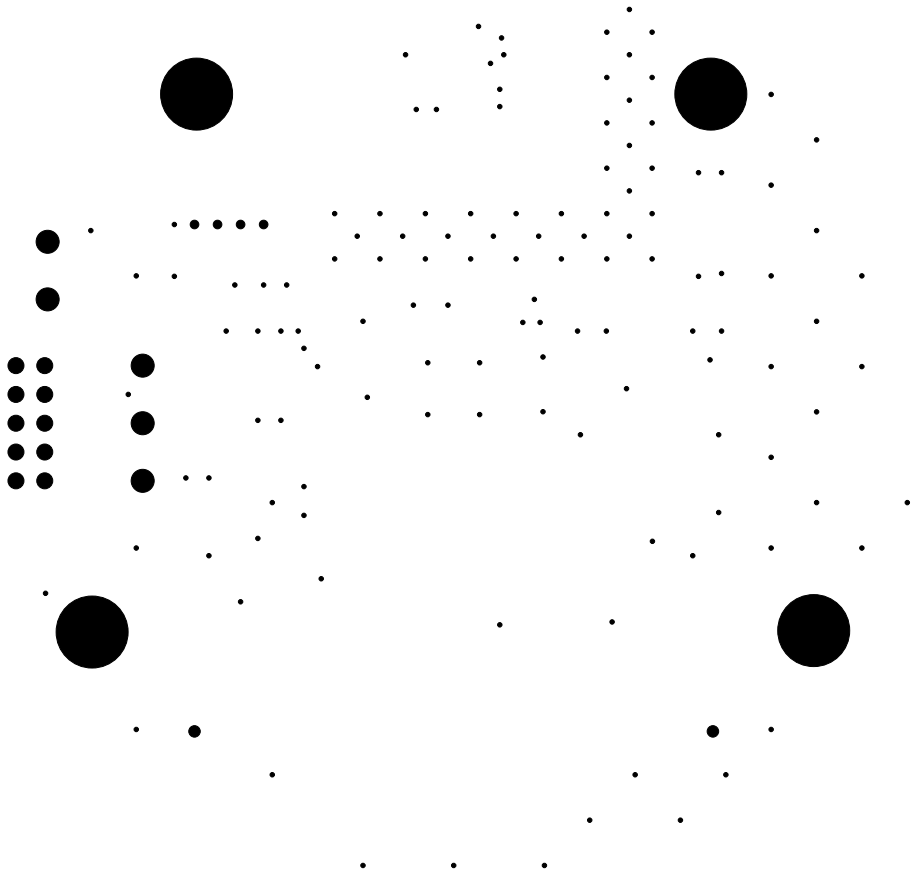
PRIMARY SOLDER PASTE

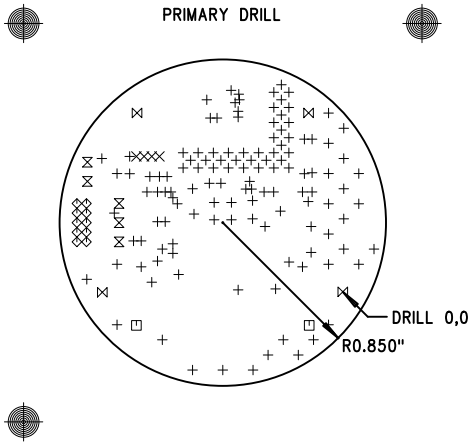


SECONDARY SOLDER PASTE









NOTES : UNLESS OTHERWISE SPECIFIED

1. MANUFACTURE IN ACCORDANCE WITH IPC-6012, TYPE 3, CLASS 2.
2. END PRODUCT FEATURES SHALL NOT VARY MORE THAN 20% FROM ARTWORK ORIGINALS.
3. MATERIAL SHALL BE COPPER CLAD FR-4, NEMA GRADE PER IPC-4101/26, COLOR NATURAL.
4. COPPER WEIGHT SHALL BE 1.0 OZ./SQ. FT. BEFORE PLATING.
5. ALL PLATED THROUGH HOLES SHALL HAVE A MINIMUM OF 0.001" COPPER.
6. DRILL HOLE TOLERANCE AFTER PLATING SHALL BE ±0.003".
7. MINIMUM ANNULAR RING SHALL BE 0.001".
8. MINIMUM ANNULAR RING AT EMERGENT CONDUCTORS SHALL BE 0.003".
9. FINAL PCB THICKNESS SHALL BE 0.062" ±10%.
10. WARP/TWIST SHALL NOT EXCEED 1.0%
11. FINISH SHALL BE LPI, BLACK SMOBC, ENIG BOTH SIDES.
12. SILKSCREEN WITH NONCONDUCTIVE WHITE EPOXY INK.
13. REFERENCE ADDITIONAL FAB NOTES IN FILE README.TXT

LAYER STACKUP	FILE NAMES
PRIMARY SILKSCREEN	PUCK_PSS.PHO
PRIMARY SOLDERMASK	PUCK_PSM.PHO
PRIMARY SIDE	PUCK_PRI.PHO
GROUND PLANE	PUCK_L02.PHO
POWER PLANE	PUCK_L03.PHO
SECONDARY SIDE	PUCK_SEC.PHO
SECONDARY SOLDERMASK	PUCK_SSM.PHO
SECONDARY SILKSCREEN	PUCK_SSS.PHO

SCALE: NONE

SIZE	QTY	SYM	PLT	TOOL	TOL
0.008	127	+	P	1	+0/-0.008
0.015	4	X	P	2	+0/-0.015
0.020	2	□	P	3	+/-0.003
0.028	10	◇	P	4	+/-0.003
0.040	5	⧖	P	5	+/-0.003
0.125	4	⋈	N	6	+/-0.003

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES AND APPLY AFTER FINISH
DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS
INTERPRET DRAWING PER MIL-D-1000

TOLERANCES

HOLE TOLERANCES PER 78027

DECIMALS	ANGLES	SURFACES
.XX +/- .XXX +/-	+/-	MICROINCHES

PART TO BE FREE OF BURRS

BREAK EDGES	BEND RADIUS	BEND RELIEF
MAX	MAX	MAX

DESIGN	JG	30SEP2014
LAYOUT	CT	30SEP2014

DO NOT SCALE DRAWING

COMPANY: SILICON LABORATORIES
400 W Cesar Chavez
AUSTIN, TX 78701
(512)416-8500
www.silabs.com

NAME: Sensor Puck .

REV : 2.0

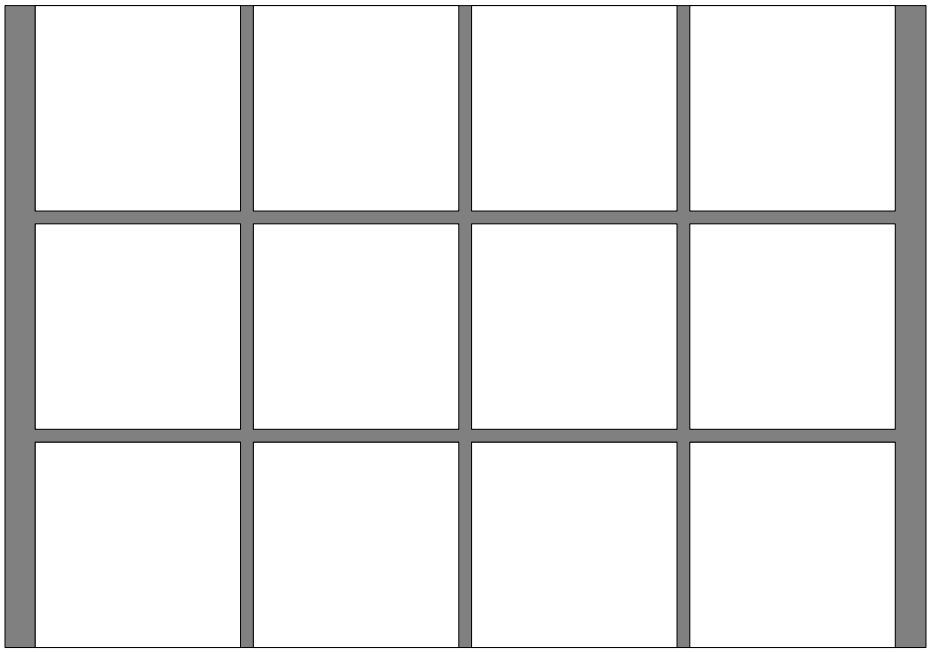
SIZE A

PART NUMBER: .

SCALE 1:1

FABRICATION DRAWING

SHEET 1 OF 1



Sensor_Puck REV 2.0

Size:
Array: 7.6 x 5.3
Part: 1.7 x 1.7

Parts On Array:
12 Parts

Matrix:
4 x 3

Spacing:
0.1 x 0.1

Array Borders:
Left: 0.25 Right: 0.25
Top: 0.0 Bottom: 0.0

Notes:

Please add 4, 0.125" NP tooling holes located 0.125" from tab corners and 3, 40/120 fiduials to each side of array located 0.25" from tooling holes.