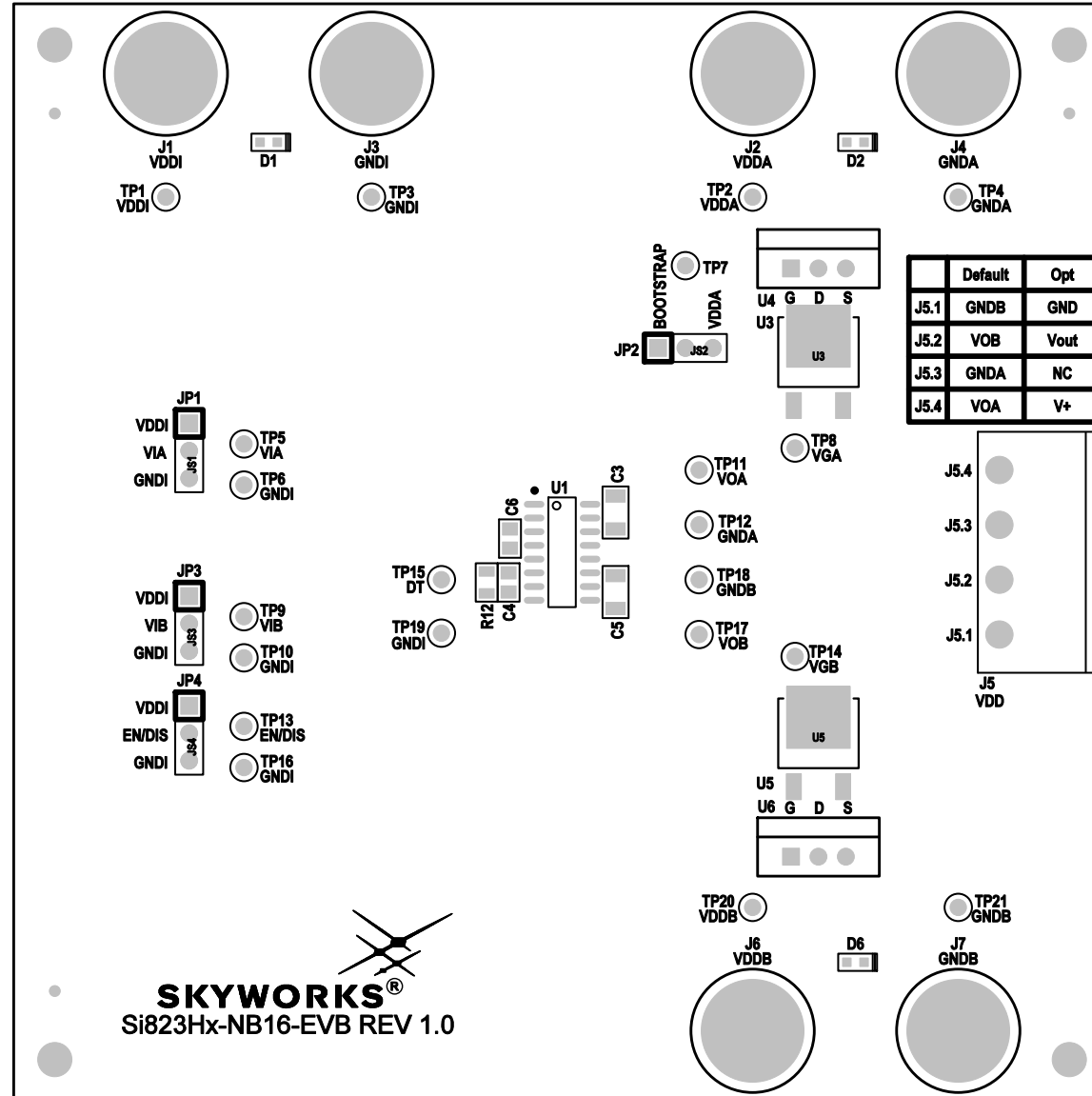


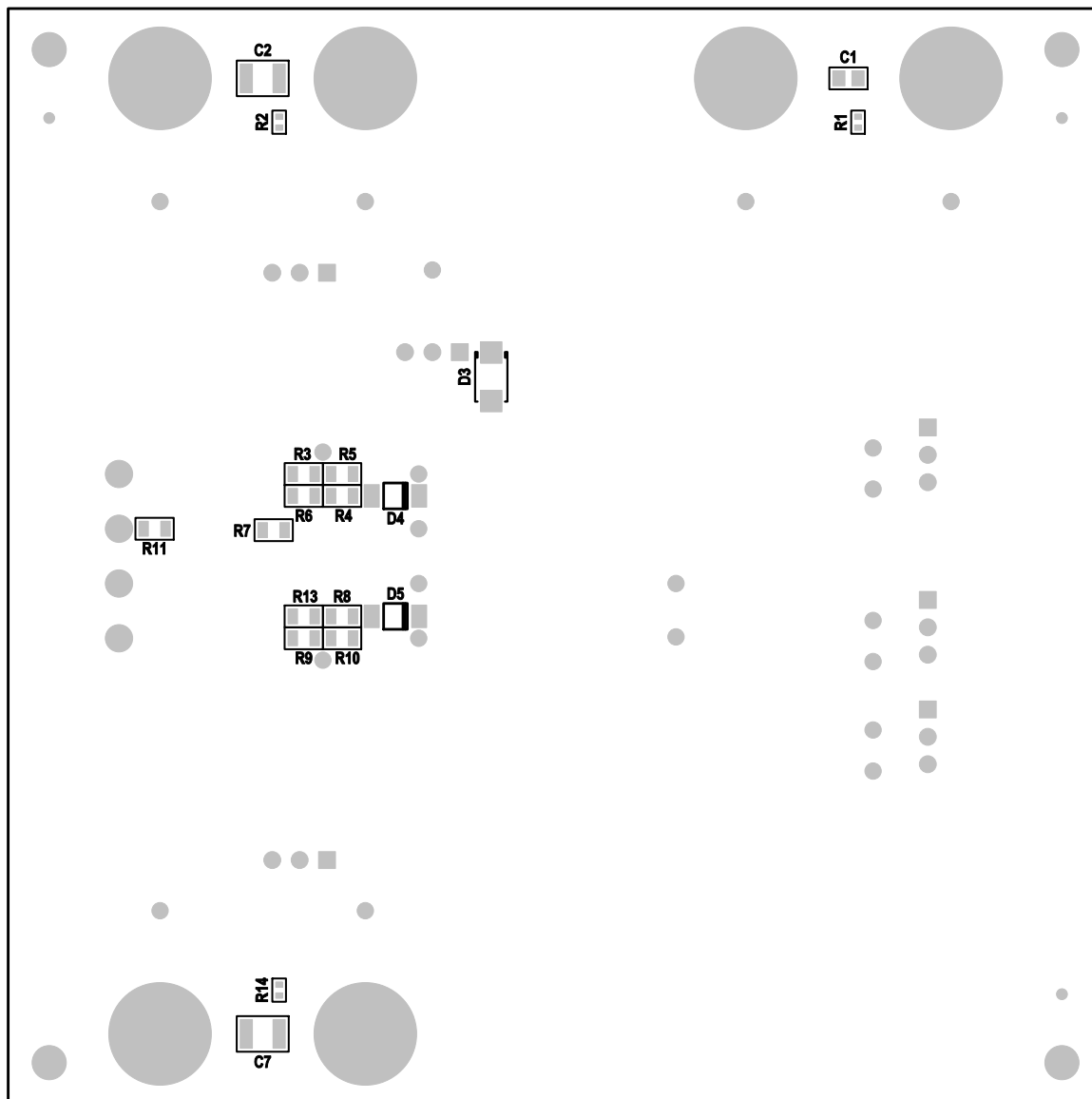
PRIMARY SILKSCREEN



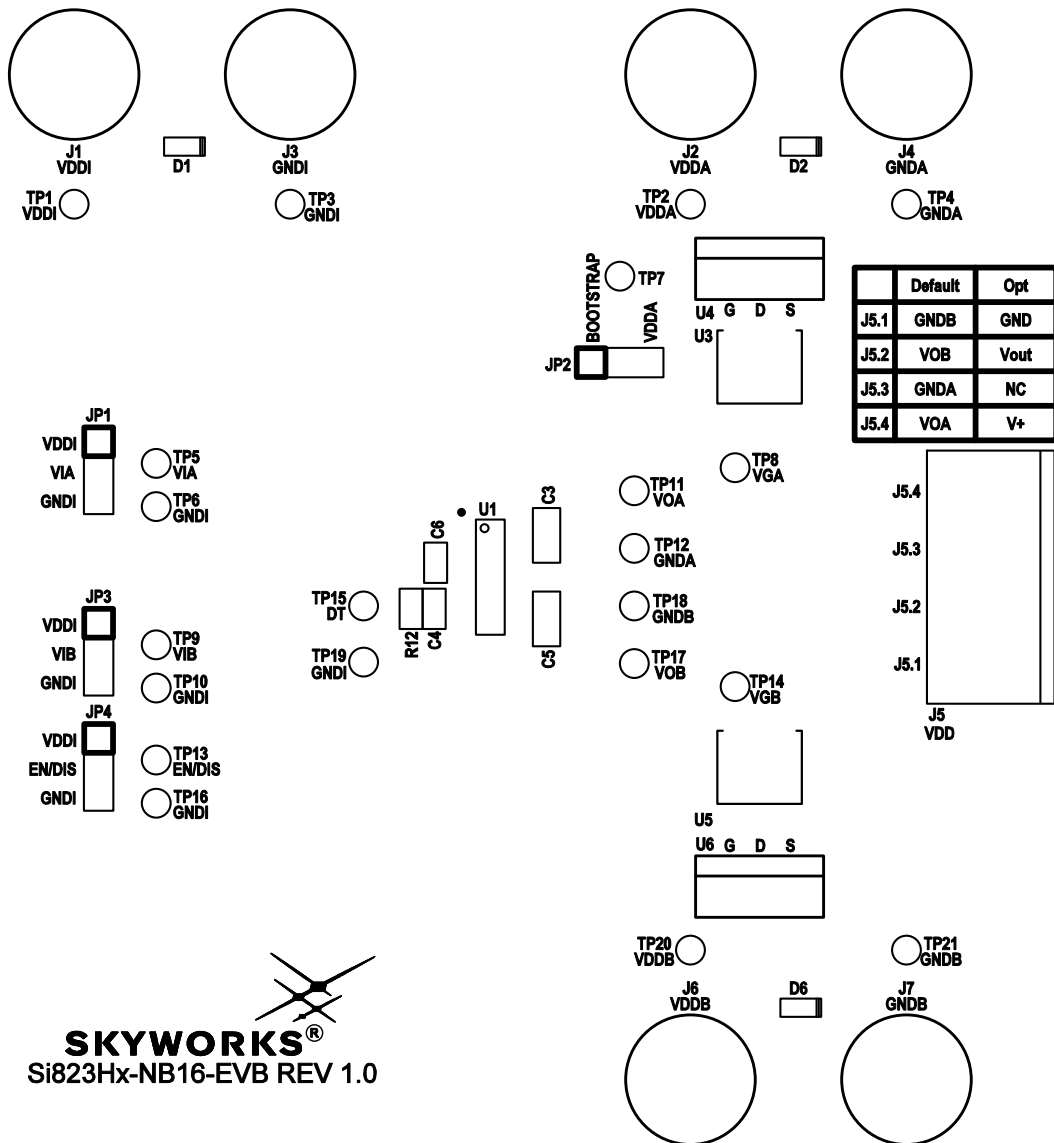
SKYWORKS
Si823Hx-NB16-EVB REV 1.0



SECONDARY SILKSCREEN



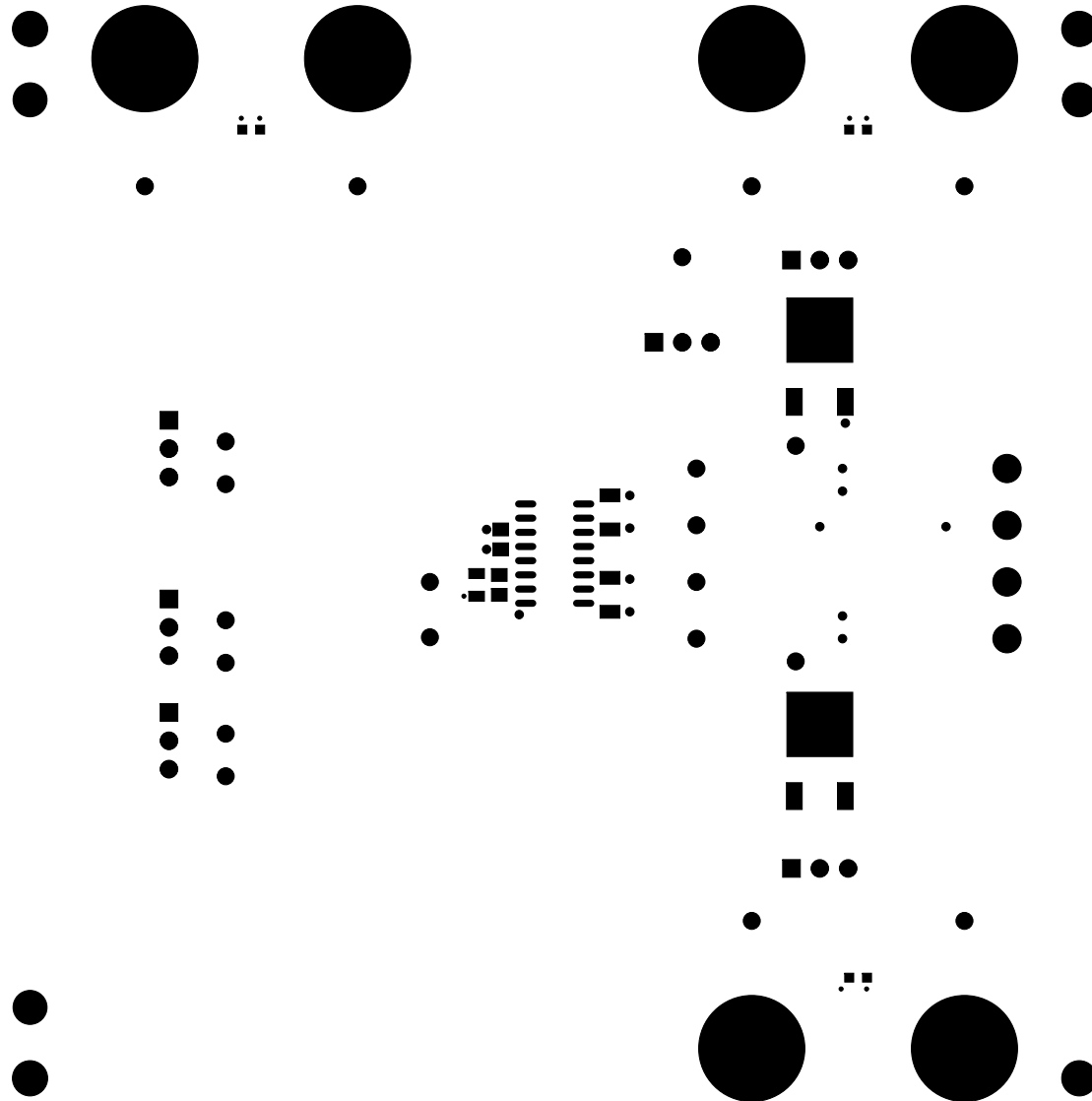
PRIMARY SILKSCREEN



SKYWORKS
Si823Hx-NB16-EVB REV 1.0

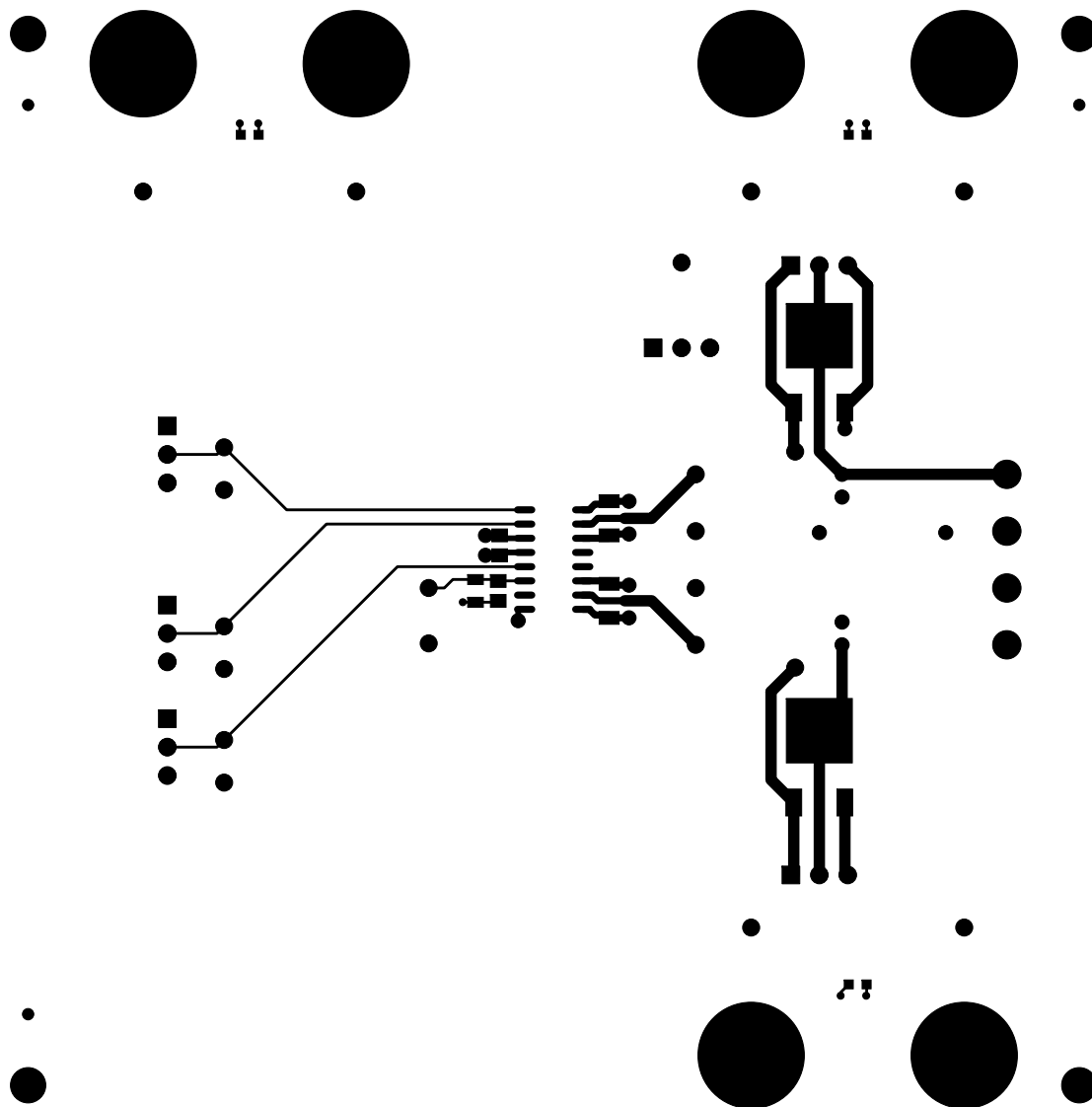


PRIMARY SOLDER MASK



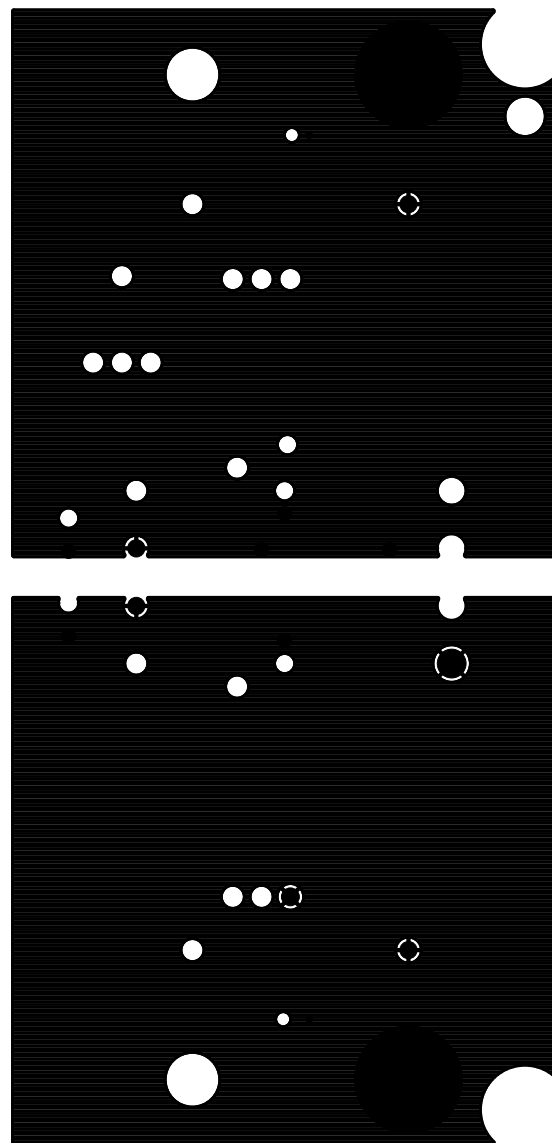
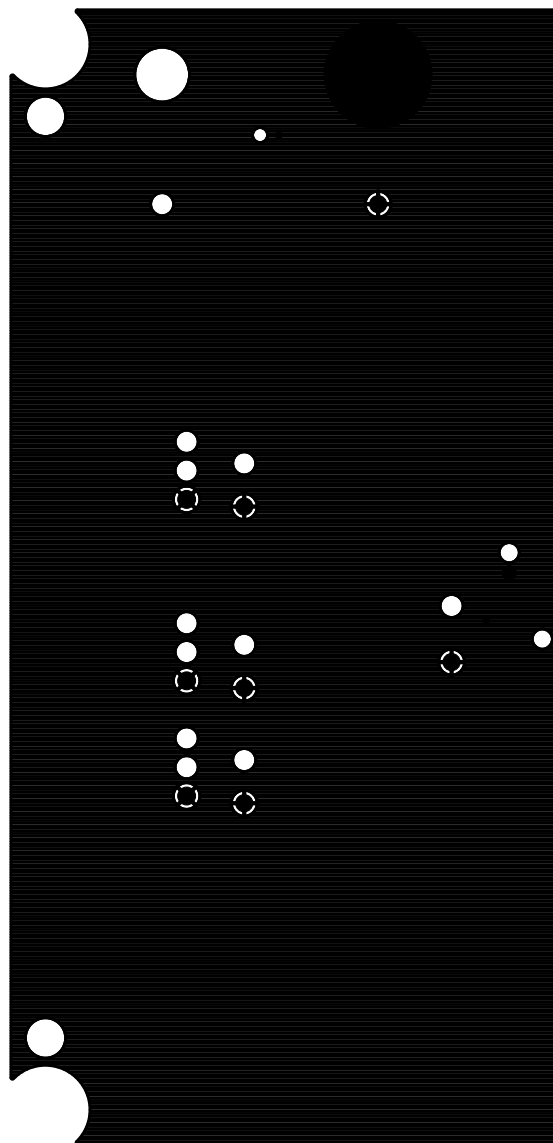


PRIMARY SIDE



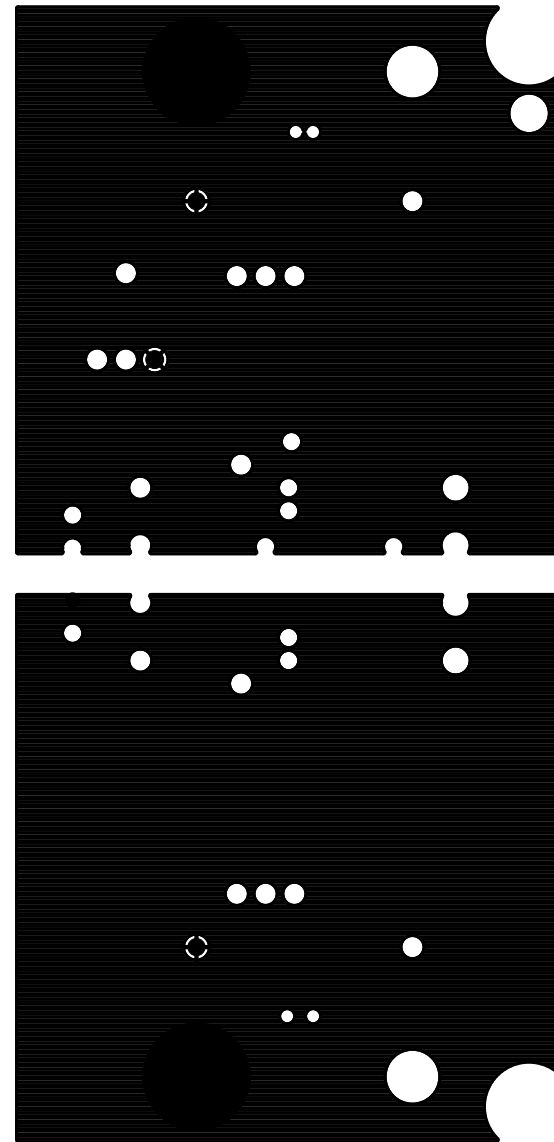
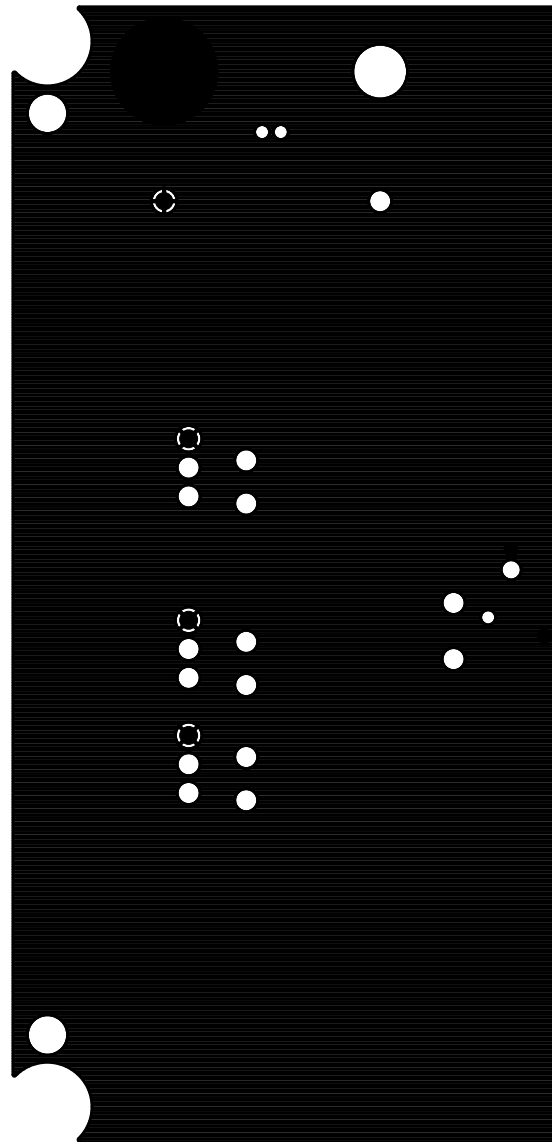


L02



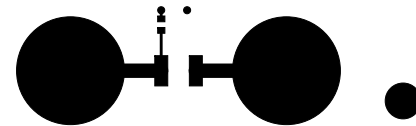
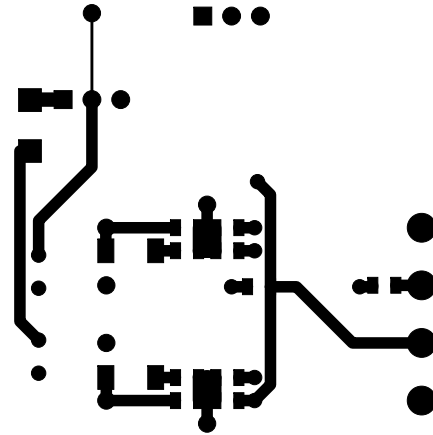
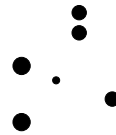
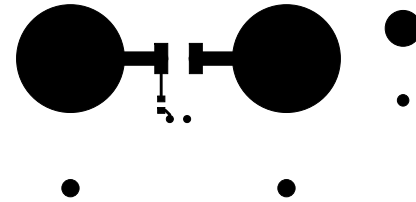
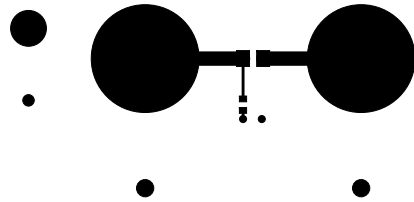


L03



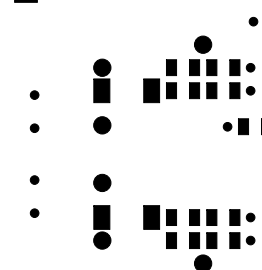
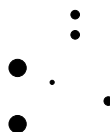
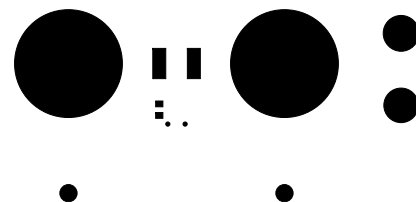
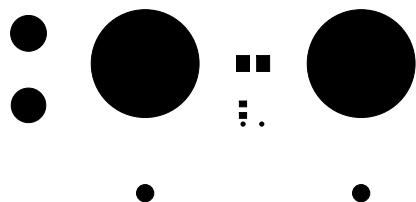


SECONDARY SIDE





SECONDARY SOLDER MASK





SECONDARY SILKSCREEN

C1

R1

C2

R2

D3

R3 R4

D4

R5

R6

D5

R7 R8

R9 R10

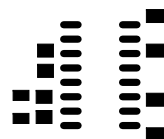
A1

C3



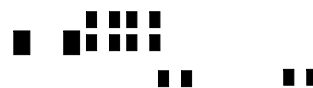


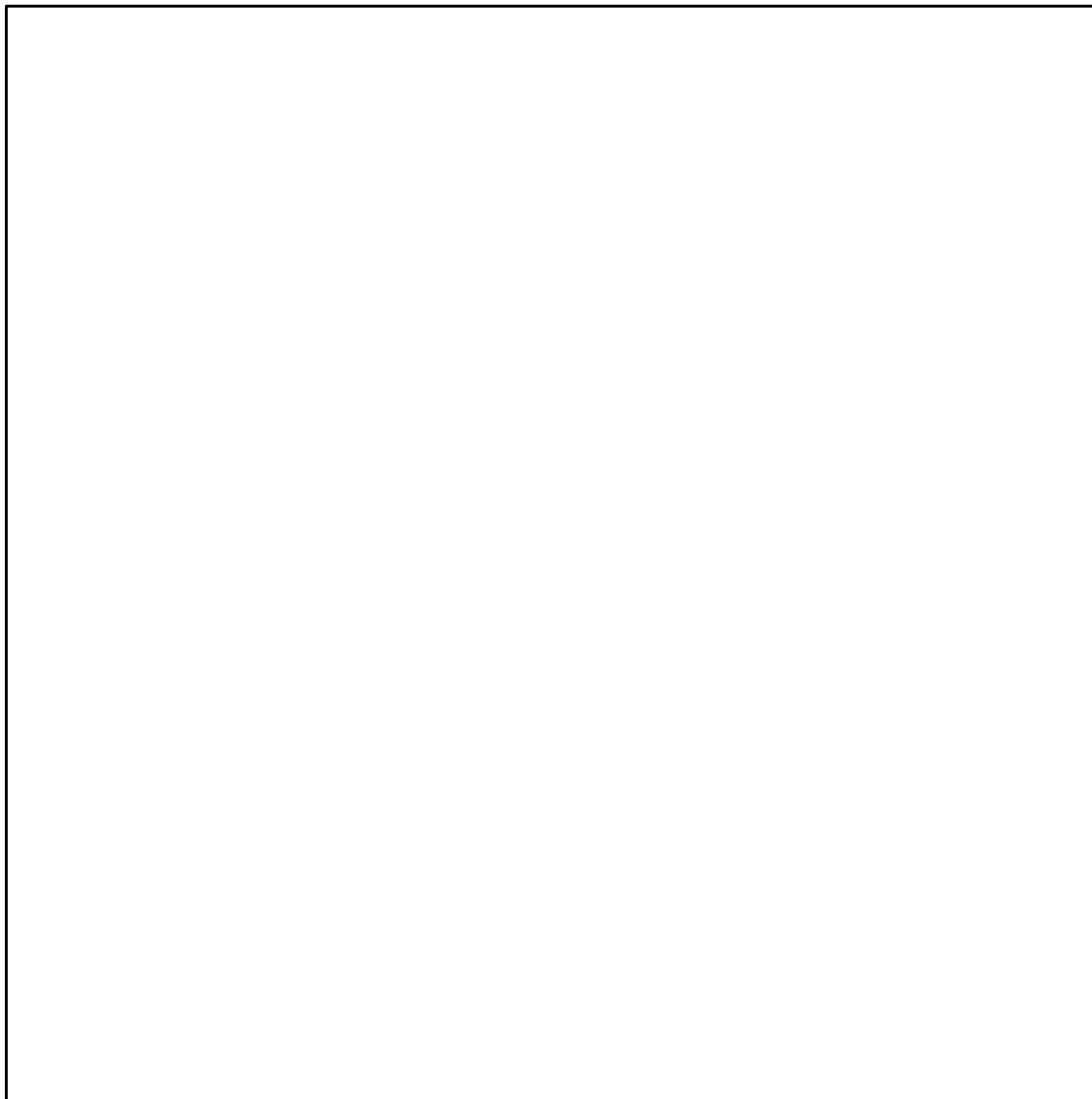
PRIMARY SOLDER PASTE

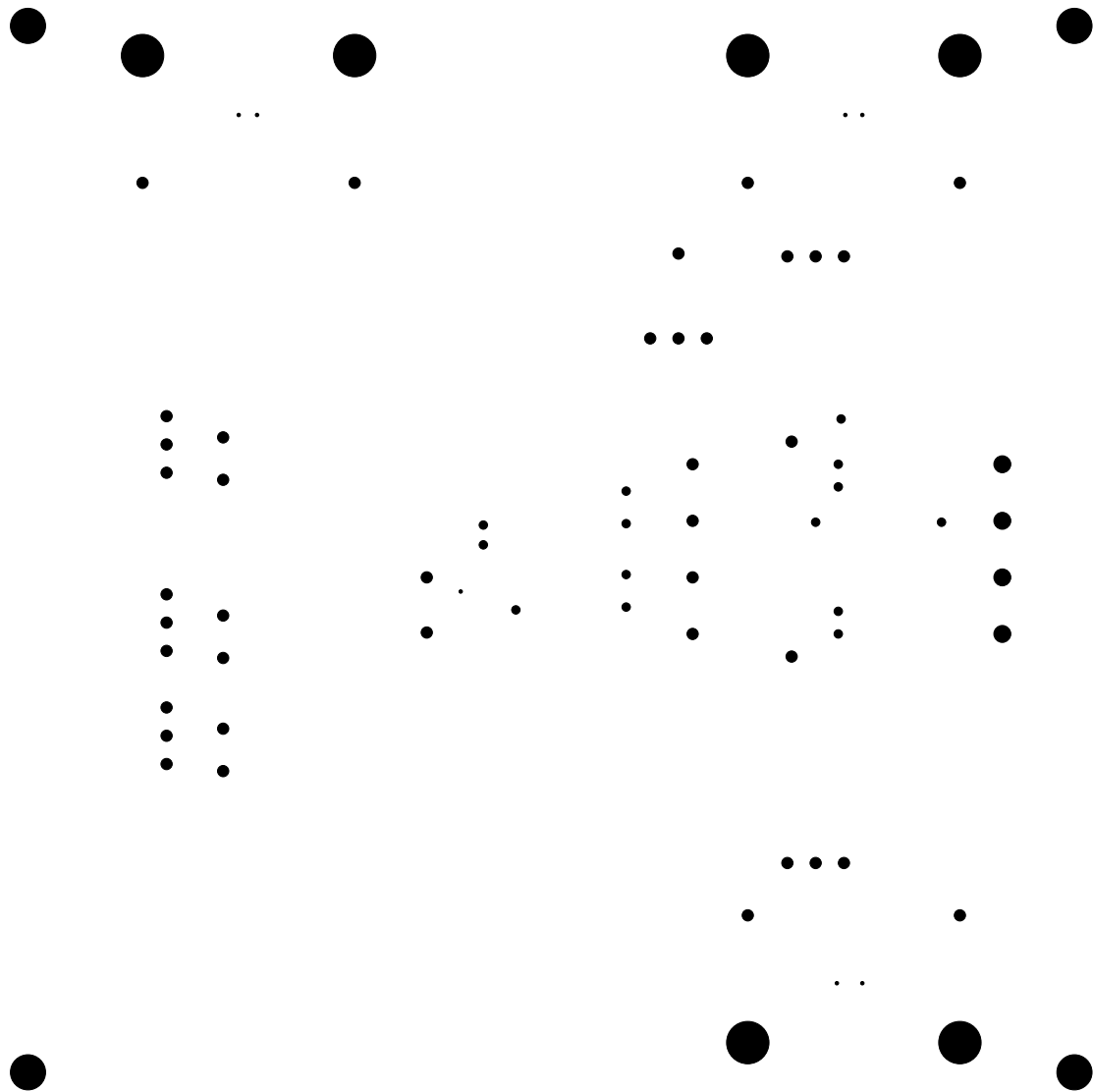


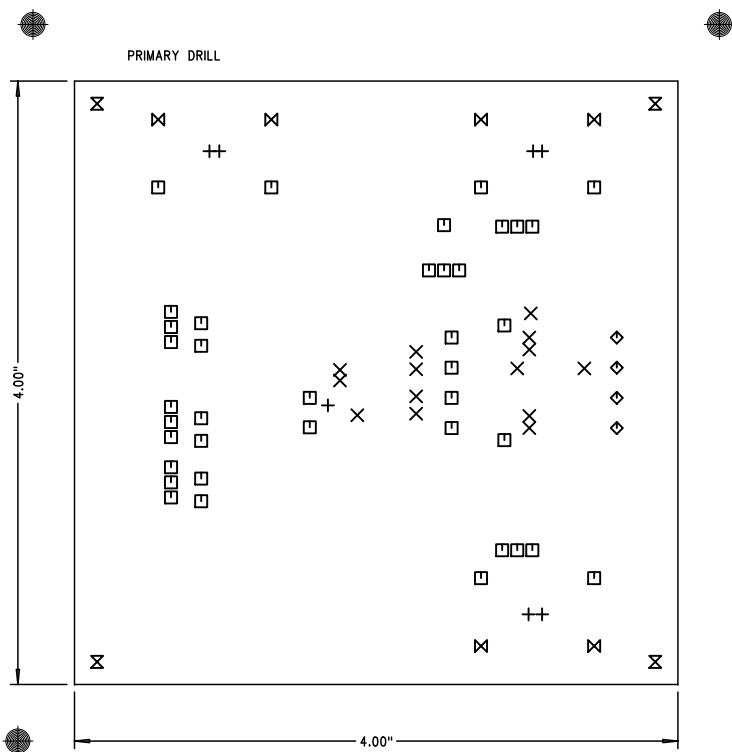


SECONDARY SOLDER PASTE









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. LAMINATE AND PREPREG SHALL BE AS PER IPC-4101/26,83,98 WITH A DECOMPOSITION TEMPERATURE $\geq 345^{\circ}\text{C}$, 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" $\pm 10\%$.
10. WARP/TWIST SHALL NOT EXCEED 1.0%
11. FINISH SHALL BE LPI, GREEN S.M.O.B.C., BALANCE ENIG.
12. SILKSCREEN WITH NONCONDUCTIVE WHITE EPOXY INK.
13. REFERENCE ADDITIONAL FAB NOTES IN FILE README.TXT

LAYER STACKUP FILE NAMES

PRIMARY SILKSCREEN	823Hx-S016_PSS.PHO
PRIMARY SOLDERMASK	823Hx-S016_PSM.PHO
PRIMARY SIDE	823Hx-S016_PRI.PHO
L02 GROUND PLANE	823Hx-S016_L02.PHO
L03 POWER PLANE	823Hx-S016_L03.PHO
SECONDARY SIDE	823Hx-S016_SEC.PHO
SECONDARY SOLDERMASK	823Hx-S016_SSM.PHO
SECONDARY SILKSCREEN	823Hx-S016_SSS.PHO

SCALE: NONE

SIZE	QTY	SYM	PLT	TOOL	TOL
0.012	7	+	P	1	+0/-0.012
0.030	14	X	P	2	+/-0.003
0.040	39	□	P	3	+/-0.003
0.060	4	◇	P	4	+/-0.003
0.125	4	⊠	N	5	+/-0.003
0.150	6	⊠	P	6	+/-0.003

UNLESS OTHERWISE SPECIFIED			THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE DUPLICATED OR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH PROVIDED OR DISCLOSED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF SKYWORKS INC..			COMPANY: SKYWORKS®		
DIMENSIONS ARE IN INCHES AND APPLY AFTER FINISH DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS INTERPRET DRAWING PER MIL-D-1000						NAME: Si823Hx-NB16-EVB		
TOLERANCES						REV : 1.0		
HOLE TOLERANCES PER 78027								
DECIMALS XX +/- .XXX +/-	ANGLES +/-	SURFACES MICRONCHES	DESIGN LAYOUT	SEO CT	06JUN2022 13JUN2022	SIZE X		
PART TO BE FREE OF BURRS						PART NUMBER:		
BREAK EDGES MAX	BEND RADIUS MAX	BEND RELIEF MAX	DO NOT SCALE DRAWING			SCALE 1:1		
						FABRICATION DRAWING		
						SHEET 1 OF 1		