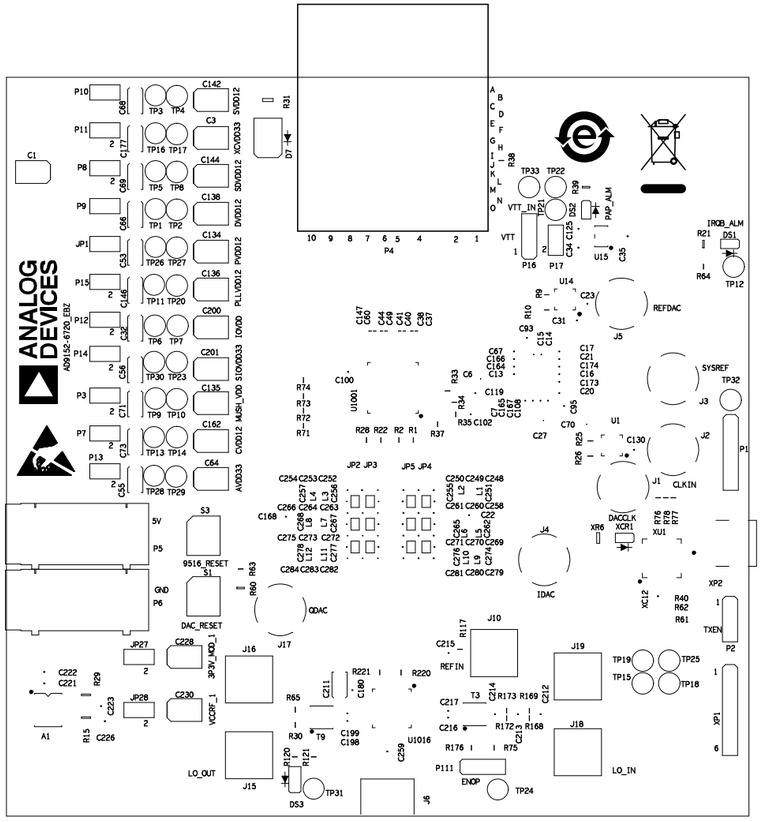
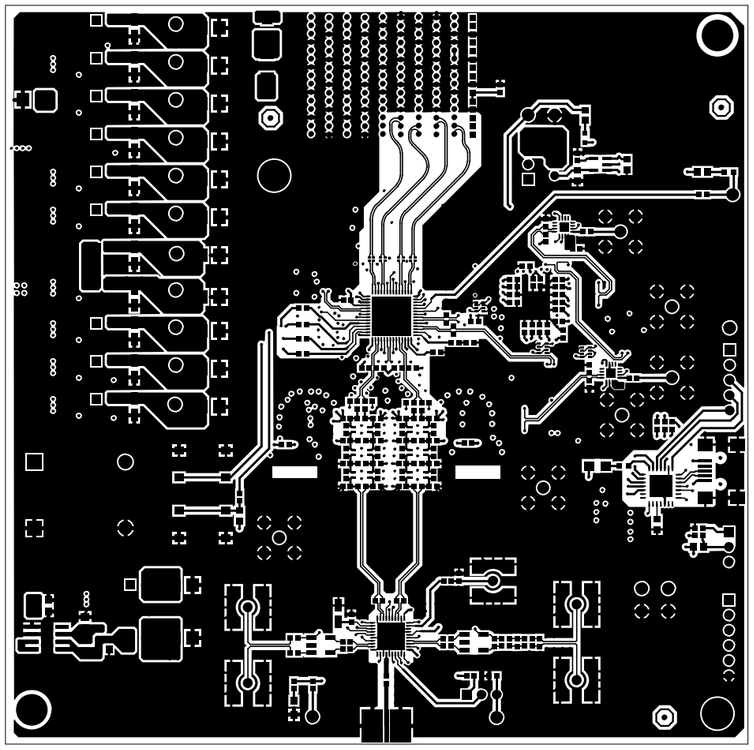
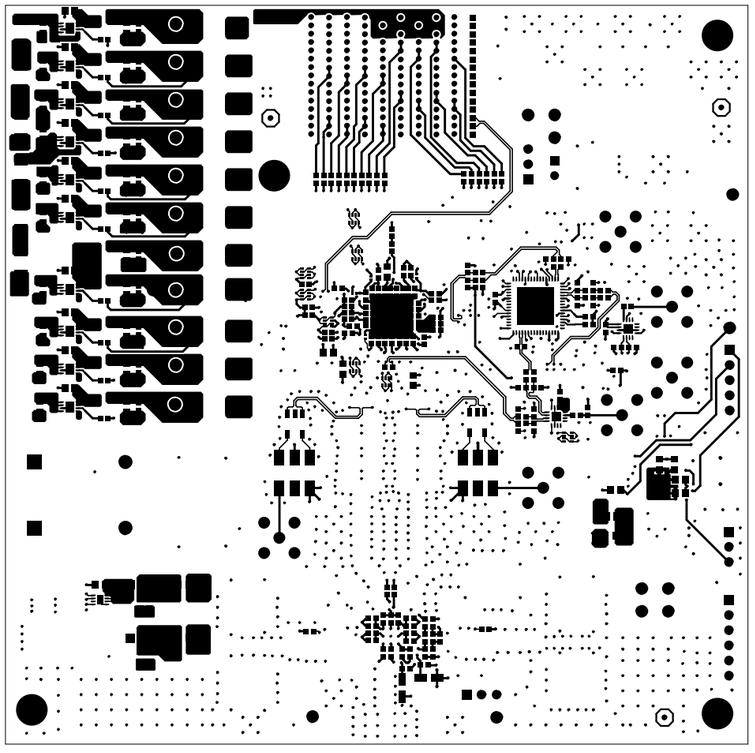


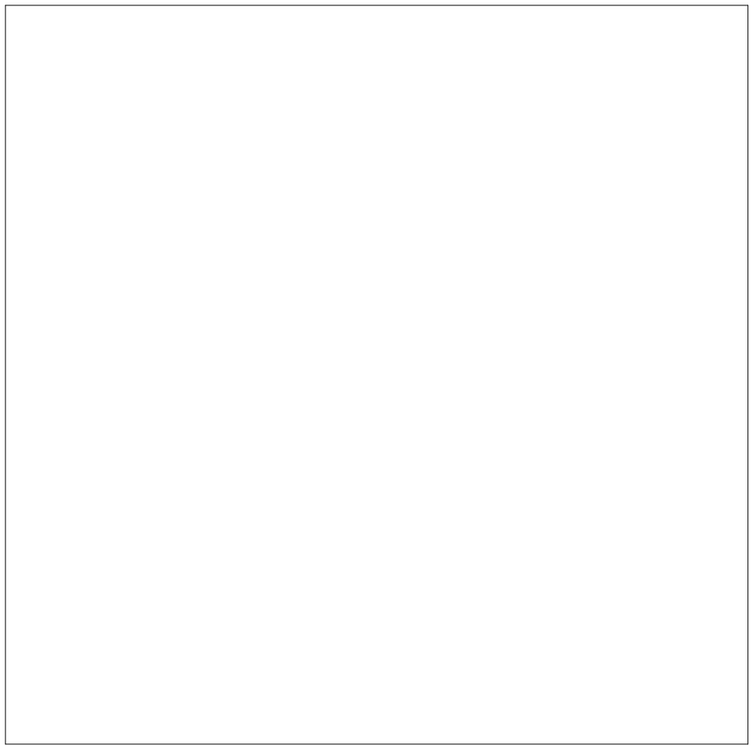
SILKSCREEN TOP

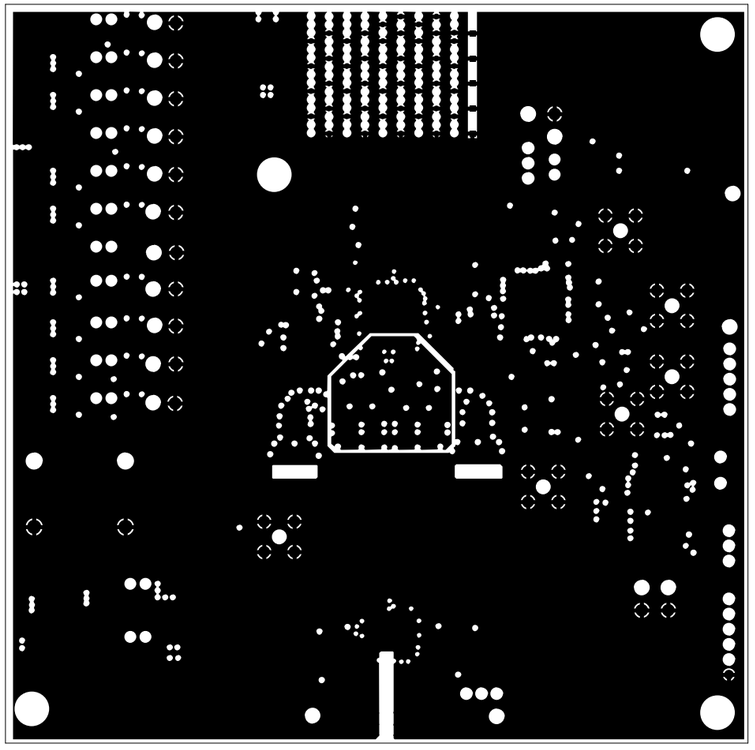


ARTWORK TOP

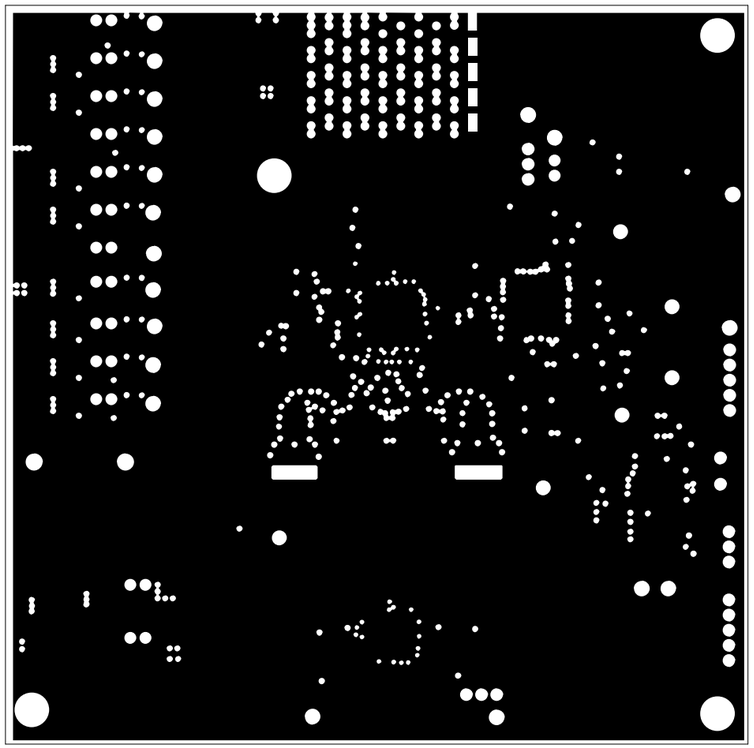


ARTWORK BOTTOM

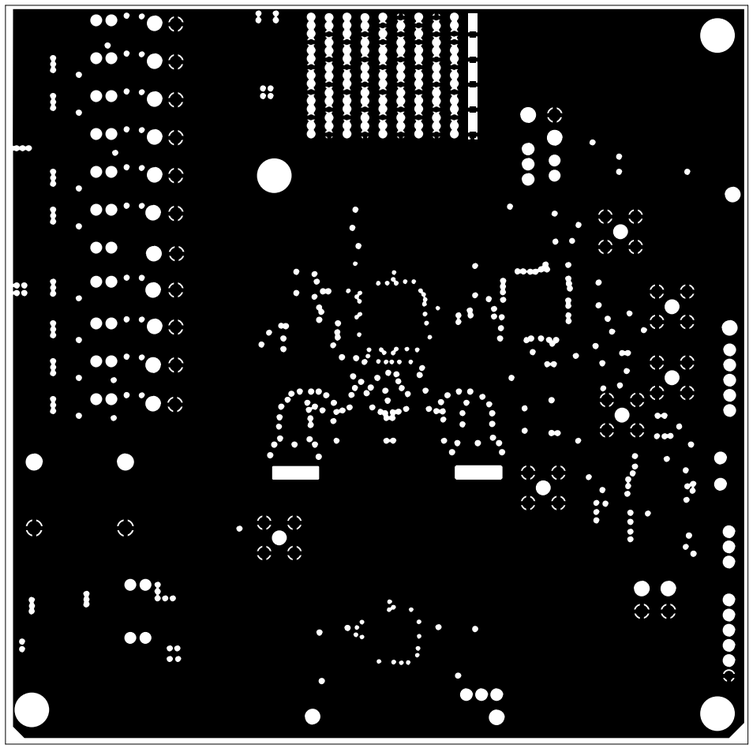




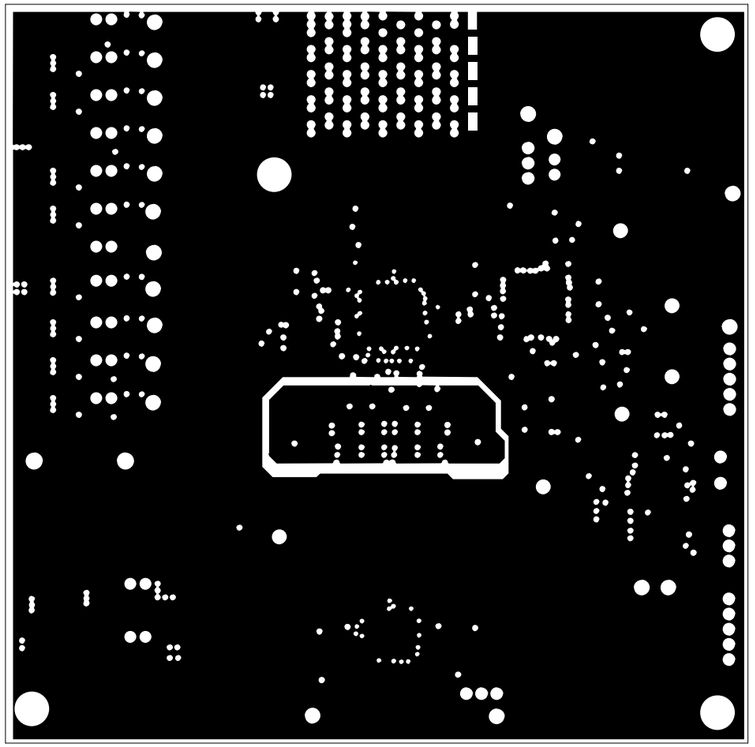
ARTWORK LAYER02



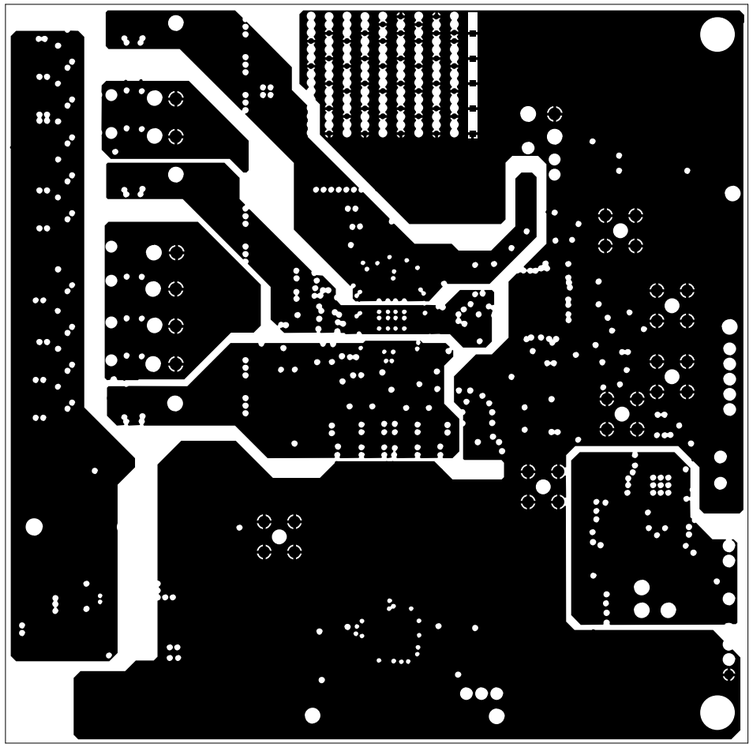
ARTWORK LAYER04



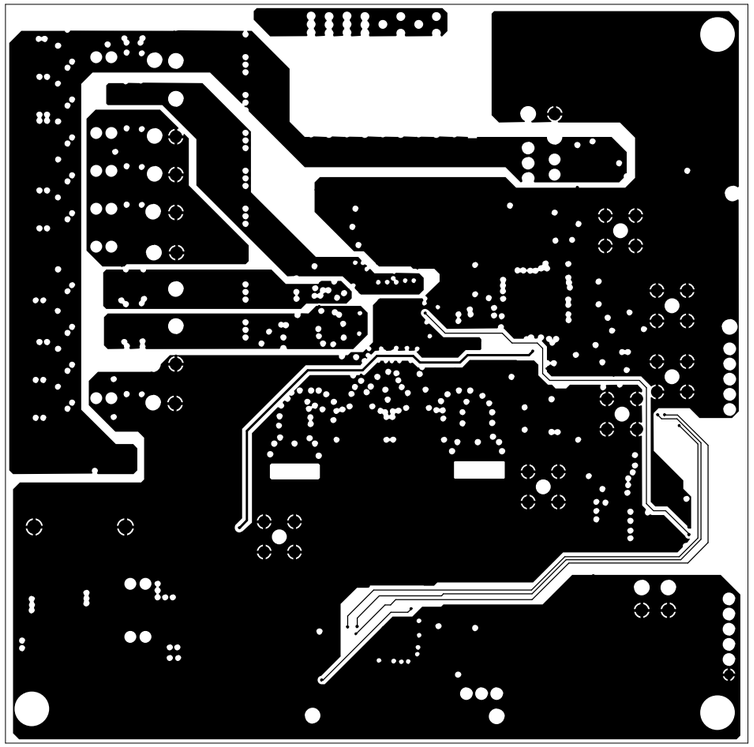
ARTWORK LAYER07



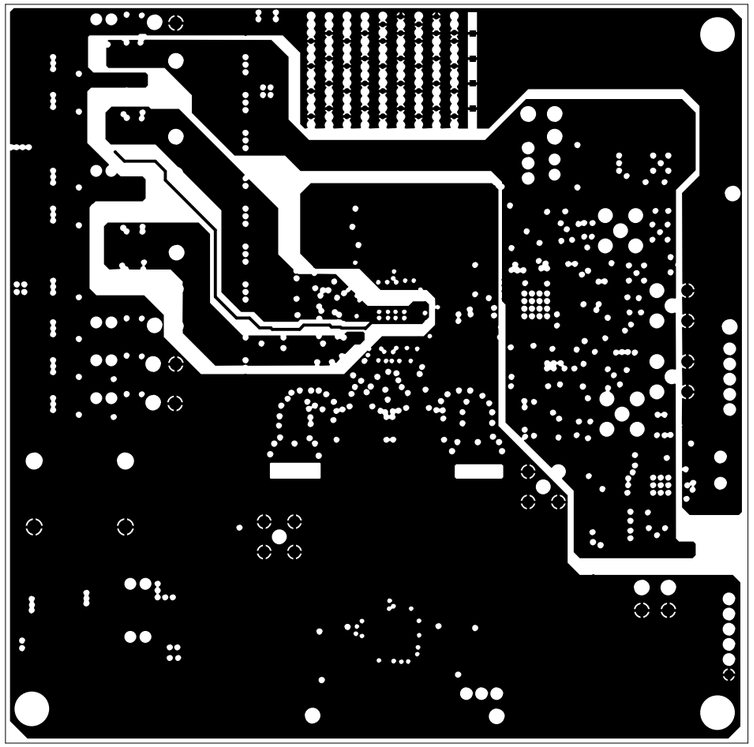
ARTWORK LAYER09



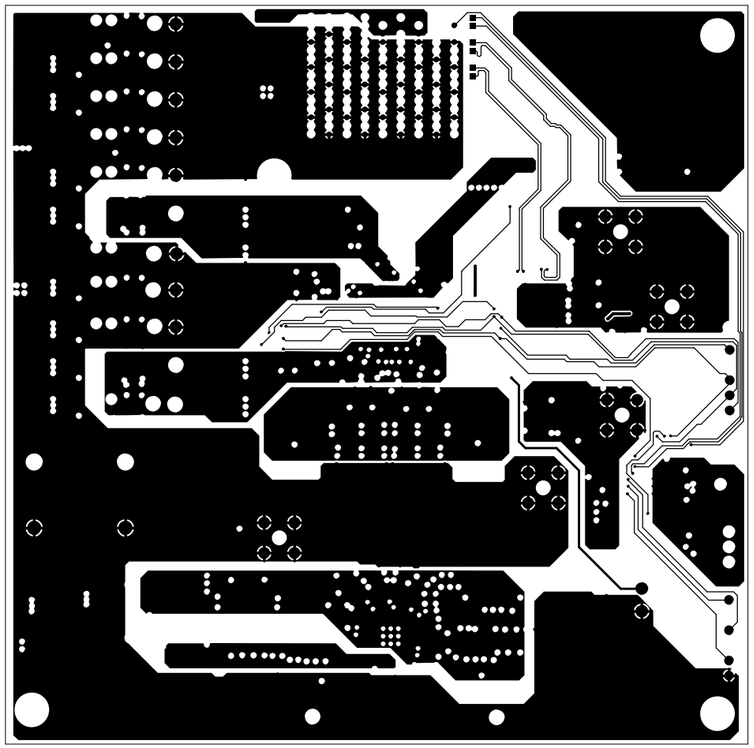
ARTWORK LAYER03



ARTWORK LAYER05

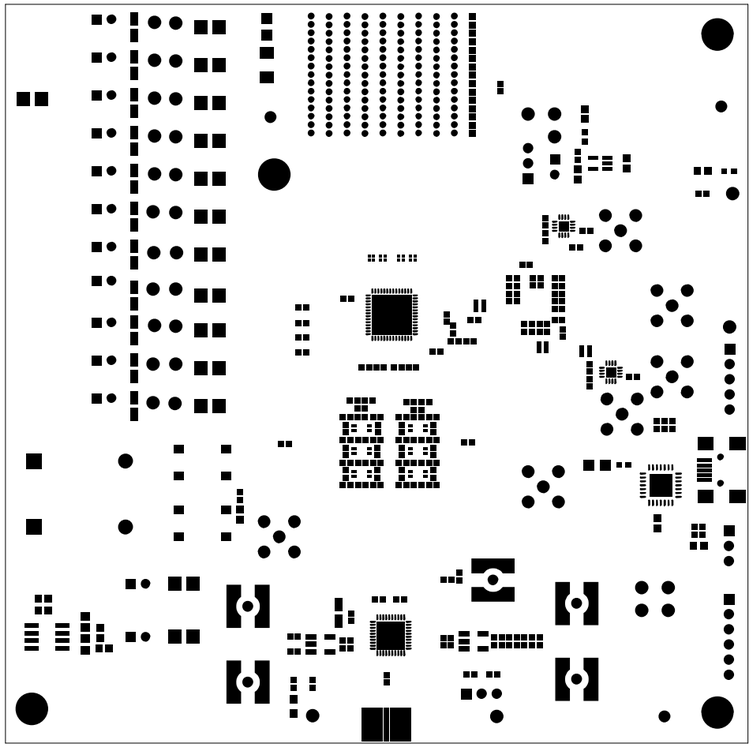


ARTWORK LAYER06



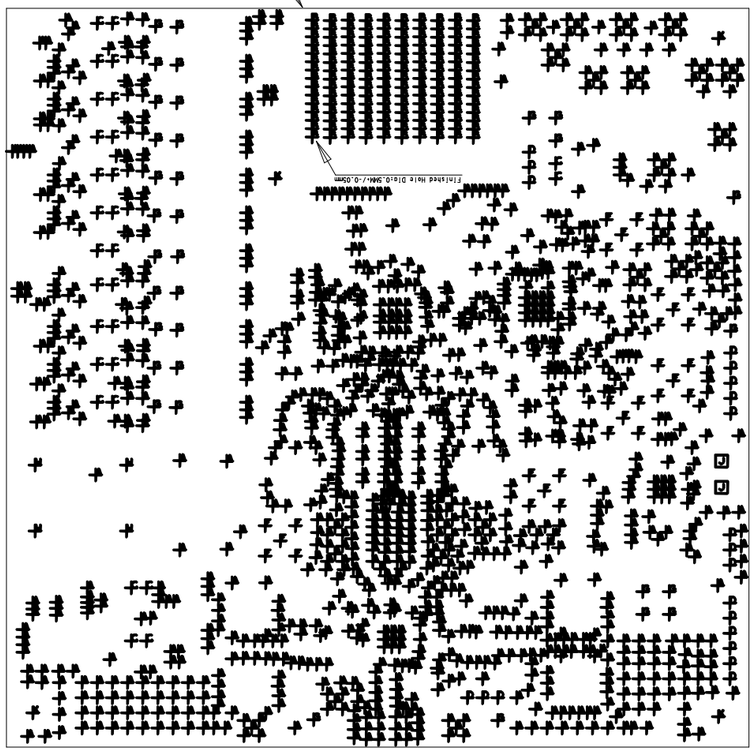
ARTWORK LAYER08

SOLDERMASK BOTTOM



SOLDERMASK TOP

SILKSCREEN BOTTOM

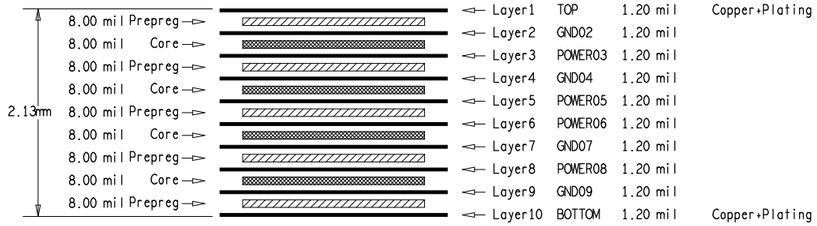


FAB DRAWING

4900.00 [124.46]

FAB DRAWING

REFERENCE LAYER STACKUP (Unit:mils)



SINGLE TRACE IMPEDANCE CONTROL

LAYER	WIDTH (mils)	IMPEDANCE (ohm)	PRECISION	FREQUENCY (MHZ)	REMARK
1,10	15	50	+/-10%	DEFAULT	
1	32	50	+/-10%	DEFAULT	Reference to power03
5,8	6	50	+/-10%	DEFAULT	

DIFFERENTIAL PAIR IMPEDANCE CONTROL

LAYER	WIDTH/SPACE (mils)	IMPEDANCE (ohm)	PRECISION	FREQUENCY (MHZ)	REMARK
8	6/12	100	+/-10%	DEFAULT	
1,10	8/6	100	+/-10%	DEFAULT	

Purchase Order & Specification Sheet

Board Name :	ad9152_6720_hp_v2_14	Board Thickness : 2.13mm +/- 10%	Layers : 10
Dielectric Material :	FR4	Spell Mode : 1 X 1	Board Cut Out : No
Surface Finished :	Immersion Gold		Gold Thickness: 0.03-0.08um
Soldermask Colors :	Blue	E-TEST Checker : Yes	
Silk Screen Colors :	White	UL-MAKE : No	
Outline Profile :	Router	Gold Finger: No	

Fab Notes:

1. Fabricate to IPC-6012C-II, current revision.
2. All vias need to be plugged except the vias on pad.
3. Finished hole diameter for drill 20mil(just for connector) must be 0.508mm +/-0.05mm.

DRILL CHART: TOP to BOTTOM

ALL UNITS ARE IN MILS

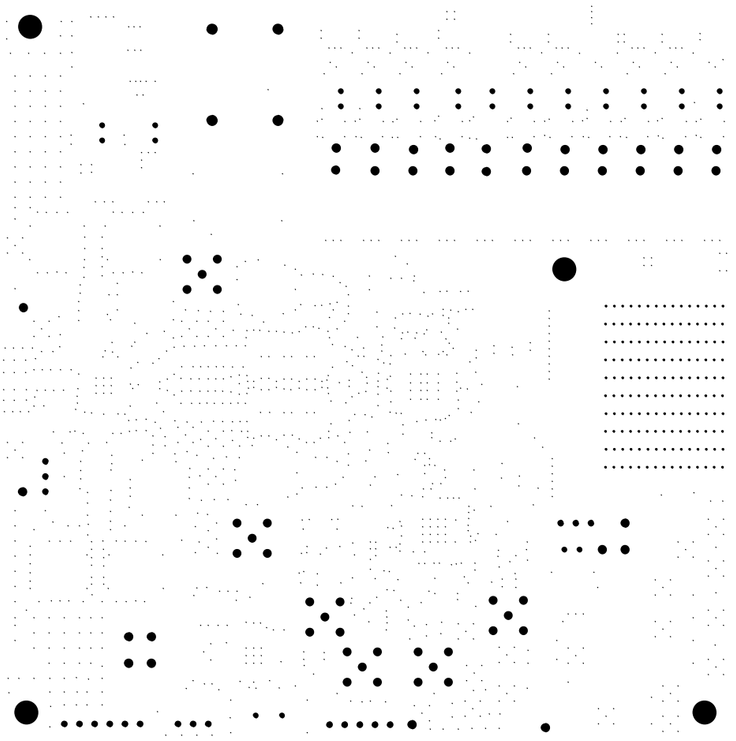



FIGURE	SIZE	PLATED	QT
+	10.0	PLATED	134
+	20.0	PLATED	15
+	40.0	PLATED	28
+	45.0	PLATED	20
+	60.0	PLATED	30
+	63.0	PLATED	33
+	75.0	PLATED	4
+	160.0	PLATED	4
J	39.0	NON-PLATED	2