



Layer	Name	Material	Th
1	Top Overlay		0.
2	Top Solder	Solder Resist	0.
3	Top Layer	Copper	1.
4	Dielectric1	FR-4 High Tg	8.
5	Signal Layer 1	Copper	1.
6	Dielectric 2	FR-4 High Tg	40.
7	Signal Layer 2	Copper	1.
8	Dielectric 3	FR-4 High Tg	8.
9	Bottom Layer	Copper	1.
10	Bottom Solder	Solder Resist	0.
11	Bottom Overlay		

MIN. TRACE WIDTH:
MIN. CLEARANCE:
MIN. VIA RADIUS:
MINIMUM ANNULAR RING THICKNESS:
PER IPC-D-361
REGISTRATION TOLERANCE:
HOLE SIZE TOLERANCE:

MATERIAL:
☐ FR-4
THICKNESS: ☒ 6
TOLERANCE:

BOW & TWIST:

DRILLING:
REFERENCE: ☒
PTH COPPER THICKNESS:

BOARD FINISH:
SILKSCREEN:
SILKSCREEN COATING:
SOLDER RESIST:

SURFACE FINISH:
☐ IMM. TIN/SILVER
ARRAY/PANEL:

CERTIFICATION: M
TO
☒ ANSI IP

ALL BOARDS MUST
PCB MUST BEAR 1

ADDITIONAL REQUIREMENTS:
MICROSECTION:

BARE BOARD ELEMENTS:
☐ XX MIL VIAS
☐ XX MIL VIAS
☐ OUTER XX MIL
LAYER 2 & 3
☐ TRACES F

PROJECT TITLE:
LP-AM1 3E 230

Symbol	Quantity	Finished Hole Size	Plated	Hole Type	Drill Layer Pair	Hole Tolerance
⊗	6	35.43mil (0.900mm)	NPTH	Round	Top Layer - Bottom Layer	
○	2	118.11mil (3.000mm)	NPTH	Round	Top Layer - Bottom Layer	+/-0.00mil
□	4	125.00mil (3.175mm)	NPTH	Round	Top Layer - Bottom Layer	
⊗	4	7.87mil (0.200mm)	PTH	Round	Top Layer - Bottom Layer	
⊗	33	9.84mil (0.250mm)	PTH	Round	Top Layer - Bottom Layer	
⊗	7	15.75mil (0.400mm)	PTH	Round	Top Layer - Bottom Layer	
⊗	8	25.00mil (0.635mm)	PTH	Round	Top Layer - Bottom Layer	
⊗	56	40.16mil (1.020mm)	PTH	Round	Top Layer - Bottom Layer	
⊗	5	43.31mil (1.100mm)	PTH	Round	Top Layer - Bottom Layer	+/-1.97mil
⊗	4	43.31mil (1.100mm)	PTH	Round	Top Layer - Bottom Layer	
⊗	27	45.28mil (1.150mm)	PTH	Round	Top Layer - Bottom Layer	
⊗	2	27.56mil (0.700mm)	PTH	Slot	Top Layer - Bottom Layer	
⊗	2	59.06mil (1.500mm)	PTH	Slot	Top Layer - Bottom Layer	
⊗	2	74.80mil (1.900mm)	PTH	Slot	Top Layer - Bottom Layer	
	162 Total					

Slot definitions : Routed Path Length = Calculated from tool start centre position to tool end centre position.
Hole Length = Routed Path Length + Tool Size = Slot length as defined in the PCB layout