

A

B

C

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Layer Stack Up Detail for: PMP6020_E2.PcbDoc

Layer Name	Gerber Document	Copper Thickness	Dielectric Material
Top Solder Mask	<.GTS>		Solder Resist
Top Layer	<.GTL>	2.2mil	FR-4
MidLayer1	<.G1>	2.8mil	FR-4
MidLayer2	<.G2>	2.8mil	FR-4
Bottom Layer	<.GBL>	2.2mil	FR-4
Bottom Solder Mask	<.GBS>		Solder Resist

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)

3500MIL X 3500MIL

Number of Layers : 4
MIN. TRACK WIDTH: 8 MIL
MIN. CLEARANCE: 8 MIL
MIN. VIA PAD SIZE: 34 MIL

MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL

MATERIAL:

☐ FR-408 ☒ FR-4 High Tg ☐ OTHER

THICKNESS: ☐ 62 MIL (1.6mm) +/-10% ☒ OTHER 31MIL +/- 10%

TOLERANCE: ☒ ANSI IPC-6012 TYPE 3 CLASS 2

☐ OTHER +/-

BOW & TWIST: ☒ ANSI IPC-6012 TYPE 3 CLASS 2

☐ OTHER +/-

COPPER THICKNESS (FINISHED):

OUTER: ☐ 1.4MIL (1oz) ☐ 2MIL (1.4oz) ☒ 2.8MIL (2oz)

INNER SIGNAL: ☐ 1.4MIL (1oz) ☒ 2.8MIL (2oz) ☐ N/A

DRILLING:

REFERENCE: ☒ AS SHOWN ☒ NC_DRILL FILES

PTH MIN COPPER THICKNESS: ☒ 1MIL ☐ OTHER

BOARD FINISH:

SILKSCREEN: ☒ TOP ☐ BOTTOM

SILKSCREEN COLOR: ☒ WHITE ☐ OTHER

SOLDER RESIST COLOR:

☒ GREEN ☐ BLUE ☐ OTHER

SURFACE FINISH: ☐ IMMERSION GOLD (ENIG) ☐ ENEPIG

☒ IMM. TIN/SILVER OR EQUIV ☐ OTHER

ARRAY/PANEL: ☐ CUT AND TRIM PER MECH LAYER 1

☐ N.C. ROUTE ☐ V. SCORE

CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBs TO MEET OR EXCEED THE REQUIREMENTS OF:

☒ ANSI IPC-A-600F CLASS -> ☐ 1 ☒ 2 ☐ 3

☒ UL 94V-0 ☒ RoHS ☐ OTHER

ADDITIONAL REQUIREMENTS:

MICROSECTION: ☐ YES

BARE BOARD ELEC. TEST: ☒ NONE ☐ REQUIRED ☐ PER ORDER

MANUFACTURER'S UL: ☐ RAIL ☐ METAL ☒ SILK



PROJECT TITLE:
4-CH 230V Discrete Linear

DESIGNED FOR:
Public Release

FILE NAME:
PMP6020_E2.PcbDoc

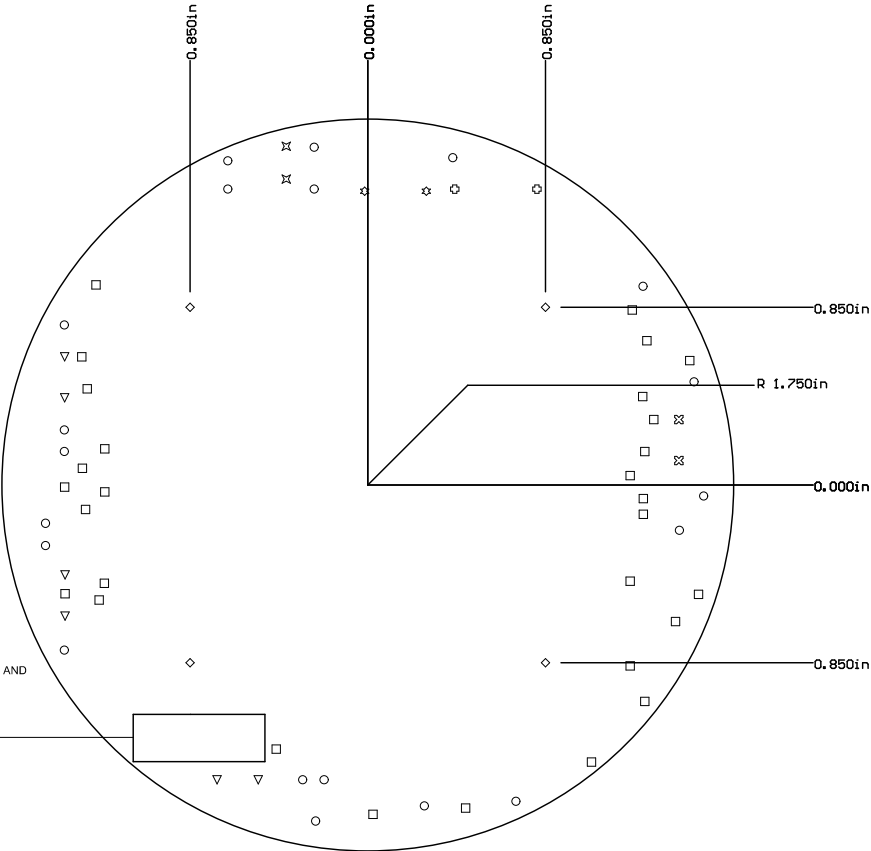
ENGINEER:
Irwin Nederbragt

LAYOUT BY:
Kerry Murphy

SCALE: 1.09

ALTUM DESIGNER VERSION:
10.0.0.27009

PLACE MFGRS LOGO, UL FLAMMABILITY RATING, Tg TEMP, UL FILE NO AND DATE CODE HERE ON BOTTOM SIDE



Symbol	Hit Count	Tool Size	Plated	Hole Type
<input type="checkbox"/>	29	16mil (0.406mm)	PTH	Round
✱	2	33.465mil (0.85mm)	PTH	Round
✧	2	35mil (0.889mm)	PTH	Round
⊗	2	35.433mil (0.9mm)	PTH	Round
▽	6	37mil (0.94mm)	PTH	Round
⊠	2	42.079mil (1.069mm)	PTH	Round
○	20	43mil (1.092mm)	PTH	Round
◇	4	128mil (3.251mm)	NPTH	Round
67 Total				

Drill Table

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: PMP6020	REV: E2	SUN REV: Not In VersionControl
LAYER NAME = 00056-0001-0001			
PLOT NAME = Fabrication Drawing	GENERATED : 10/28/2014 4:04:25 PM	TEXAS INSTRUMENTS	

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