



Symbol	Hit Count	Tool Size	Physical Length	Rout Path Length	Plated	Hole Type
□	2	0.4mm (15.748mil)			PTH	Round
⌘	1	0.711mm (28mil)			PTH	Round
⊗	1	0.712mm (28.012mil)			PTH	Round
○	10	0.85mm (33.465mil)			PTH	Round
I	2	0.914mm (35.984mil)			PTH	Round
○	4	1mm (39.37mil)			PTH	Round
▽	4	1.05mm (41.339mil)			PTH	Round
◇	2	1.067mm (42mil)			PTH	Round
A	1	1.092mm (42.992mil)			PTH	Round
B	1	1.092mm (43mil)			PTH	Round
▽	2	1.1mm (43.307mil)			PTH	Round
⊗	4	1.15mm (45.276mil)			PTH	Round
H	1	1.168mm (46mil)			PTH	Round
☆	3	1.27mm (50mil)			PTH	Round
D	3	1.3mm (51.181mil)			PTH	Round
◇	5	1.321mm (52mil)			PTH	Round
F	4	1.4mm (55.118mil)			PTH	Round
□	4	1.5mm (59.055mil)			PTH	Round
J	2	1.6mm (62.992mil)			PTH	Round
⊗	9	1.6mm (63mil)			PTH	Round
E	4	1.702mm (67mil)			PTH	Round
C	4	2mm (78.74mil)			PTH	Round
G	4	2.083mm (82mil)			PTH	Round
⌘	2	3mm (118.11mil)			NPTH	Round
☆	4	3.6mm (141.732mil)			NPTH	Round
⊗	2	1.2mm (47.244mil)	2.2mm (86.614mil)	1mm (39.37mil)	PTH	Slot
	85 Total					

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

Drill Table

DESIGN INFORMATION

BOARD SIZE (REFER TO ARRAY/PANEL PROFILING INFORMATION)

Number of Layers : 2

MIN. TRACK WIDTH: 8 MIL

MIN. CLEARANCE: 8 MIL

MIN. VIA PAD SIZE: 16 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

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 Pb FREE HASL

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 PER ORDER

ADDITIONAL REQUIREMENTS:

MICROSECTION: YES

BARE BOARD ELEC. TEST: NONE REQUIRED PER ORDER

MANUFACTURER'S UL: RAIL METAL SILK



PROJECT TITLE:	UCC28630 REFERENCE DESIGN
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DESIGNED FOR:
Public Release

FILE NAME:
PMP9208.PcbDoc

ENGINEER: Billy Long	LAYOUT BY: Brian Gaynor
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SCALE: 1.09	ALTUM DESIGNER VERSION: 10.0.0.27009
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ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: PMP9208	REV: E2	SUN REV: Not In VersionControl
LAYER NAME = 0005:Drainage			
PLOT NAME = Fabrication Drawing	GENERATED : 15/04/2014 12:41:46		TEXAS INSTRUMENTS

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