

PDNode-600 Baseboard

PCB FABRICATION SPECIFICATION

BOARD PARAMETERS

Layers: 6
Board Size: 57.17 mm x 29.92 mm
PCB Thickness: 1.6 mm
Base Material: FR-4
Material Type: FR4 TG135
Stackup Code: JLC06161H-3313
Impedance Control: No requirement
Appearance Standard: IPC Class 2
Board Outline Tolerance: ±0.2 mm

COPPER & FINISH

Outer Copper Weight: 1 oz
Inner Copper Weight: 0.5 oz
Surface Finish: ENIG
Gold Thickness: 1 U"
Gold Fingers: YES
Beveling: Yes, 30°

SOLDER MASK & SILK

PCB Color: Green
Silkscreen Color: White
Via Covering: Epoxy Filled & Capped

DRILLING & SPECIAL PROCESSES

Min Via Hole: 0.2 mm
Via Pad / Finished Diameter: 0.4 mm
Castellated Holes: No
Edge Plating: No
Blind Slot: No
Press-Fit Hole: No
Countersink Hole: No
Backdrill: No

QUALITY & TEST

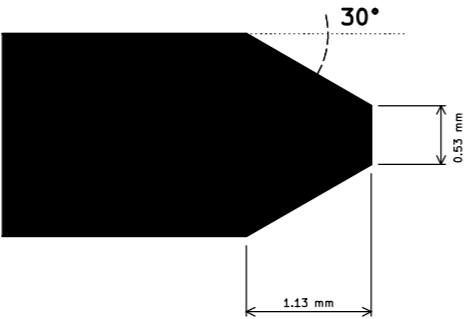
Electrical Test: Flying Probe Fully Test

LAYER STACKUP

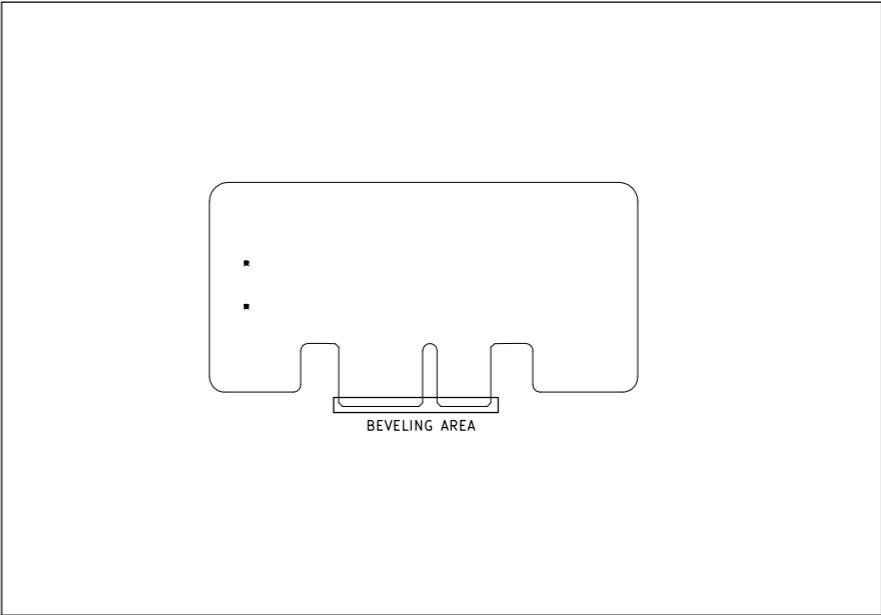
Name	Type	Material	Thickness mm	Er	LossTg
F.Silkscreen	Top Silk	Direct Printing White	-	-	-
F.Paste	Paste	-	-	-	-
F.Mask	Solder Mask	Solder Resist Green	0.01	3.8	0
F.Cu	Copper	-	0.035	-	-
Dielectric 1	Prepreg	3313 RC57% 4.2mil	0.0994	4.1	0.02
In1.Cu	Copper	-	0.0152	-	-
Dielectric 2	Core	0.55mm H/H without copper	0.55	4.41	0.02
In2.Cu	Copper	-	0.0152	-	-
Dielectric 3	Prepreg	2116 RC54% 4.9mil	0.1088	4.16	0.02
In3.Cu	Copper	-	0.0152	-	-
Dielectric 4	Core	0.55mm H/H without copper	0.55	4.41	0.02
In4.Cu	Copper	-	0.0152	-	-
Dielectric 5	Prepreg	3313 RC57% 4.2mil	0.0994	4.1	0.02
B.Cu	Copper	-	0.035	-	-
B.Mask	Solder Mask	Solder Resist Green	0.01	3.8	0
B.Paste	Paste	-	-	-	-
B.Silkscreen	Bottom Silk	Direct Printing White	-	-	-

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8	NPTH Drill
9	
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BEVELING



PCB AREA




PTH DRILLMAP

Drill Map:
× 0.200mm / 0.0079" (211 holes)
• 0.250mm / 0.0098" (124 holes)
+ 0.300mm / 0.0118" (157 holes)
▣ 0.400mm / 0.0157" (16 holes)
◇ 0.600mm / 0.0236" (0 holes + 4 slots)
⊗ 2.200mm / 0.0866" (2 holes)

NPTH DRILLMAP

Drill Map:
× 0.650mm / 0.0256" (2 holes) (not plated)

	Board Name: PDNode-600		Project Name: PDCard-4242	
	File Name: PDNode-PDCard-4242.kicad_pcb		Revision:	Variant: Pro
	Sheet Title:	Company:	Designer: David Sipos Reviewer:	Size: A3 Sheet: 1 of 1