



PCB:
1. FR4, thickness = 1.6mm,
2. Copper weight = 18um, 4 layers
3. Solder mask both sides, green
4. Silk screen top side, white
5. All dimensions are in millimeters
6. Requires impedance monitoring of differential pairs and their recalculation for different types of sheets materials

LAYER STRUCTURE

Layer 1 (TOP), copper 18um
Prepreg 1 (2116+7628), 320 um
Layer 2 (VCC), copper 18um
Core FR4, 710 um
Layer 3 (GND), copper 18um
Prepreg 2 (2116+7628), 320 um
Layer 4 (BOTTOM), copper 18um

LAYER-STACK
01-16
01-20

Sym	Nº	Mils	MM	Qty	Plated
+	1	12	0.30	955	YES
×	2	16	0.41	50	YES
□	3	35	0.89	155	YES
◇	4	39	1.00	83	BOTH
×	5	47	1.19	7	YES
×	6	51	1.30	1	NOT
+	7	126	3.20	4	NOT

ST-BOARD-1-02

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