

PCB Specifications

General Information

Material	FR-4 (Standard) or FR-4 (High Tg)	Thickness	0.50Z-5.0Z
Surface Finish	0.2mm	Drill Tolerance	0.2mm
Plating	OSP or HASL	Plating Thickness	0.1-5mm
Other	ISO9001, UL, SGS	Q / ...	10PCS-100PCS
Weight	0.01kg -5kg	Lead Time	10 days
PCBA	PCBA	Drill Tolerance	0.2mm
Price	\$ 0.1- \$ 10	Quantity	0.01m3-10m3
design	design	Quantity	0.01m3-10m3

Material & Process

Material	16 days lead time, OEM, 7-12days
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General Info

16 Material Properties

Property	2014		2015 ~ 2016		2017 ~ 2018	
	Value 1	Value 2	Value 1	Value 2	Value 1	Value 2
Material	32	42	38	44	42	48
Thickness / Drill Tolerance (µm)	50/50	40/45	40/45	40/40	35/40	35/35
Surface Finish	0.15	0.10	0.15	0.10	0.15	0.10
PTH	14: 1	16: 1	16: 1	18: 1	18: 1	20: 1
N + C + N	4 + C + 4	5 + C + 5	5 + C + 5	6 + C + 6	5 + C + 5	6 + C + 6
Drill Tolerance	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6
Material	FR4	-	Megtron	-	Nelco	-
Material	FR4	40	40	30	40	30
Material	75	65	65	50	50	40
Material	FR4	-	Megtron	-	Nelco	-
Material	FR4	-	Megtron	-	Nelco	-
Material	HASL, ENIG, OSP, etc.					

