





















A. MATERIAL :	FR-4	<input type="checkbox"/> TG-170	<input checked="" type="checkbox"/> TG-150	<input type="checkbox"/> TG-140
B. MATERIAL FAMILY :	N/A			
C. SOLDERMASK COLOR :	<input type="checkbox"/> GREEN	<input checked="" type="checkbox"/> BLUE	<input type="checkbox"/> RED	<input type="checkbox"/> BLACK
D. SILKSCREEN COLOR :	<input checked="" type="checkbox"/> WHITE	<input type="checkbox"/> YELLOW	<input type="checkbox"/> BLACK	
E. SURFACE FINISH :	<input checked="" type="checkbox"/> ENIG	<input type="checkbox"/> IMMERSION SILVER	<input type="checkbox"/> IMMERSION TIN	
	<input type="checkbox"/> HASL	<input type="checkbox"/> HASL (PB-FREE)	<input type="checkbox"/> GOLDEN FINGER	
F. IMPEDANCE CONTROL :	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES (SEE IMPEDANCE TABLE FOR DETAIL INFORMATION)		
G. THROUGH VIA :	PLUG THE VIAS WHICH ARE COVERED WITH SOLDERMASK ONE OR TWO SIDE.			
	PLUG MATERIAL : <input checked="" type="checkbox"/> SOLDERMASK <input type="checkbox"/> NON-CONDUCTIVE EPOXY.			
H. STACK-UP :	SEE LAYER STACK-UP SEQUENCE FOR OVERALL THICKNESS.			

DEFAULT
TRACKS : 0.127mm
GAPS : 0.127mm

U17
TRACKS : 0.102mm
GAPS : 0.127mm

Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Overlay				
2	Top Solder	Solder Resist	0,015mm	3,5	
3	Layer1-Signal	Copper	0,042mm		
4	Dielectric 1	FR-4	0,100mm	4,2	
5	Layer2-GND	Copper	0,035mm		
6	Dielectric 3		0,102mm	4,2	
7	Layer3-Signal	Copper	0,035mm		
8	Dielectric 4		0,950mm	4,2	
9	Layer4-VCC	Copper	0,035mm		
10	Dielectric 5		0,102mm	4,2	
11	Layer5-GND	Copper	0,035mm		
12	Dielectric 6		0,100mm	4,2	
13	Layer6-Signal	Copper	0,042mm		
14	Bottom Solder	Solder Resist	0,015mm	3,5	
15	Bottom Overlay				

Symbol	Count	Hole Size	Plated	Hole Type	Drill Layer Pair	Via/Pad	Hole Length	Routed Path Length
◇	1	0,650mm (25,59mil)	NPTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
⊠	1	0,700mm (27,56mil)	NPTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
▼	1	0,800mm (31,50mil)	NPTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
⊙	1	1,300mm (51,18mil)	NPTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
⊗	2	0,600mm (23,62mil)	PTH	Slot	Layer1-Signal - Layer6-Signal	Pad	1,300mm (51,18mil)	0,700mm (27,56mil)
C	2	0,970mm (38,19mil)	NPTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
B	2	1,190mm (46,85mil)	NPTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
⊠	2	1,500mm (59,06mil)	NPTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
G	2	2,000mm (78,74mil)	NPTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
⊙	2	2,150mm (84,65mil)	NPTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
F	3	1,000mm (39,37mil)	PTH	Slot	Layer1-Signal - Layer6-Signal	Pad	3,500mm (137,80mil)	2,500mm (98,43mil)
J	4	0,450mm (17,72mil)	PTH	Slot	Layer1-Signal - Layer6-Signal	Pad	0,850mm (33,47mil)	0,400mm (15,75mil)
D	4	3,300mm (129,92mil)	PTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
⊗	5	1,100mm (43,31mil)	NPTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
⊙	6	0,800mm (31,50mil)	PTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
⊗	6	3,500mm (137,80mil)	PTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
E	8	1,500mm (59,06mil)	NPTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
O	14	0,400mm (15,75mil)	PTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
H	20	0,700mm (27,56mil)	PTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
A	26	1,200mm (47,24mil)	PTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
⊗	27	0,900mm (35,43mil)	PTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
▣	80	1,100mm (43,31mil)	PTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
▼	105	1,000mm (39,37mil)	PTH	Round	Layer1-Signal - Layer6-Signal	Pad	-	-
I	1441	0,200mm (7,87mil)	PTH	Round	Layer1-Signal - Layer6-Signal	Via	-	-
	1765 Total							

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