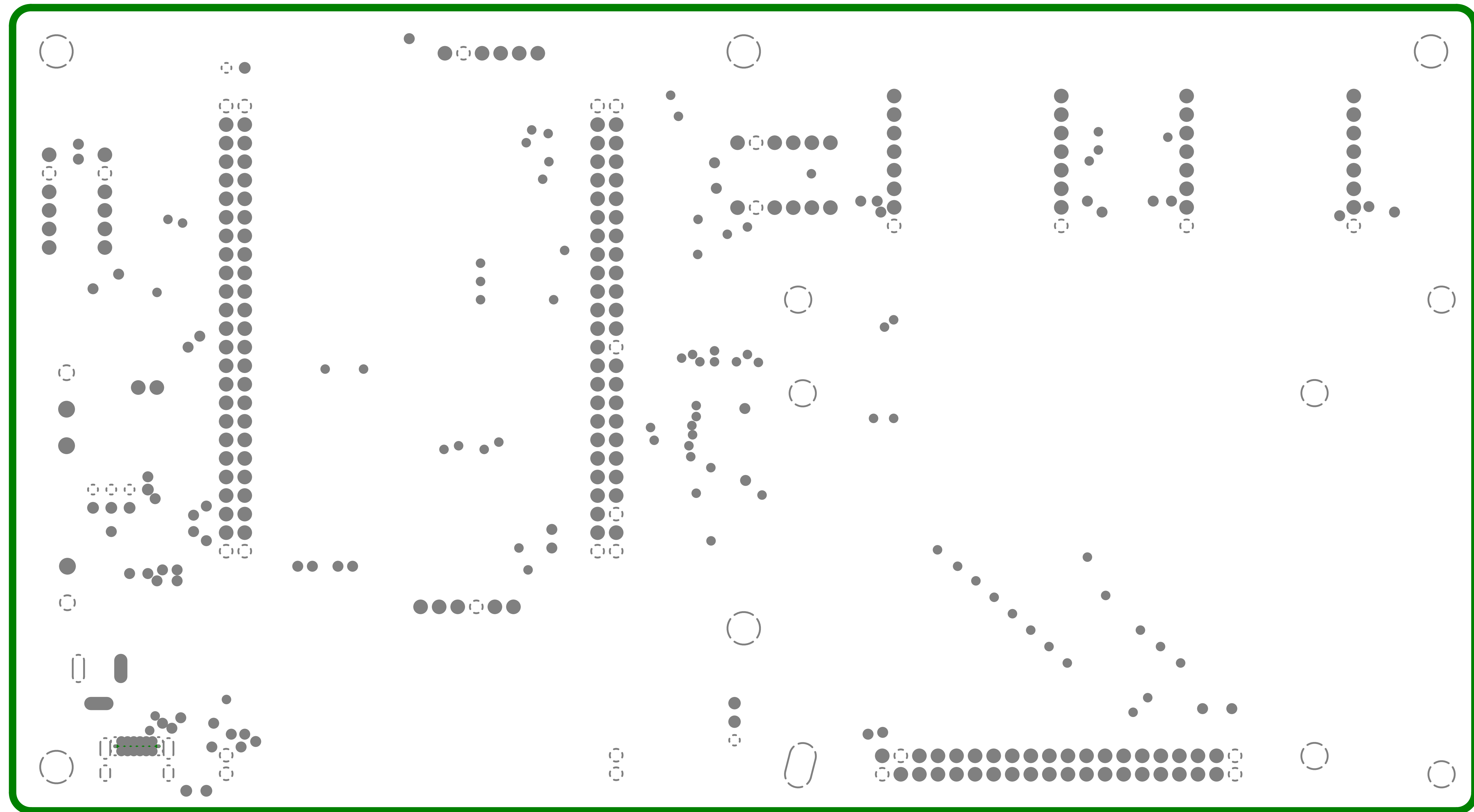
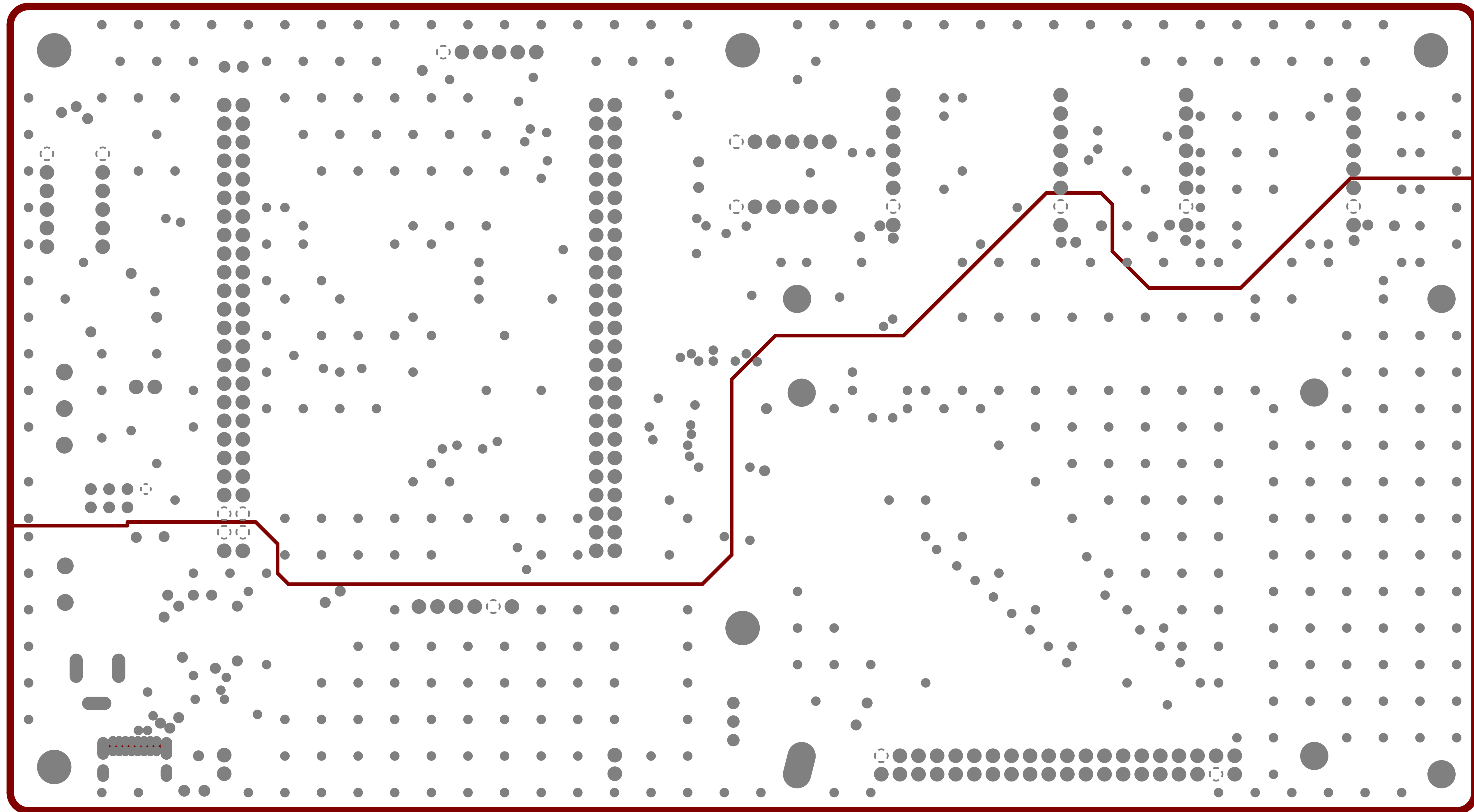


Layer	Name	Thickness	Gerber	Board Layer Stack
	Top Overlay		GTO	
	Top Solder	0.025mm	GTS	
	Top Surface Finish	0.020mm		
1	Top Layer	0.035mm	GTL	
	Dielectric 1	0.130mm		
	Dielectric 2	0.130mm		
2	Int1 (GND)	0.035mm	GP1	
	Dielectric 3	0.711mm		
3	Int2 (PWR)	0.035mm	GP2	
	Dielectric 4	0.130mm		
	Dielectric 5	0.130mm		
4	Bottom Layer	0.035mm	GBL	
	Bottom Surface Finish	0.020mm		
	Bottom Solder	0.025mm	GBS	
	Bottom Overlay		GBO	
Total board thickness:		1.460mm		

Symbol	Count	Hole Size	Plated	Hole Type	Drill Layer Pair	Via/Pad	Pad Shape	Hole Length
✳	533	0.300mm (11.81mil)	PTH	Round	Top Layer - Bottom Layer	Via	Rounded	-
◇	16	0.400mm (15.75mil)	PTH	Round	Top Layer - Bottom Layer	Pad	Rounded	-
▽	92	0.500mm (19.69mil)	PTH	Round	Top Layer - Bottom Layer	Via	Rounded	-
□	11	0.610mm (24.02mil)	PTH	Round	Top Layer - Bottom Layer	Pad	Rounded	-
✳	3	0.700mm (27.56mil)	PTH	Round	Top Layer - Bottom Layer	Pad	(Mixed)	-
✳	3	0.800mm (31.50mil)	PTH	Slot	Top Layer - Bottom Layer	Pad	Rounded Rectangle	3.000mm (118.11mil)
✳	214	1.000mm (39.37mil)	PTH	Round	Top Layer - Bottom Layer	Pad	(Mixed)	-
✳	5	1.300mm (51.18mil)	PTH	Round	Top Layer - Bottom Layer	Pad	Rounded	-
○	2	1.400mm (55.12mil)	PTH	Slot	Top Layer - Bottom Layer	Pad	Rounded Rectangle	0.600mm (23.62mil)
□	2	2.100mm (82.68mil)	PTH	Slot	Top Layer - Bottom Layer	Pad	Rounded Rectangle	0.600mm (23.62mil)
▽	6	2.850mm (112.21mil)	PTH	Round	Top Layer - Bottom Layer	Pad	Rounded	-
✳	1	2.850mm (112.21mil)	PTH	Slot	Top Layer - Bottom Layer	Pad	Rounded	5.403mm (212.72mil)
○	5	3.700mm (145.67mil)	PTH	Round	Top Layer - Bottom Layer	Pad	Rounded	-
	893 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





PB1-PWM  
PD2-INT  
PB11-RX  
PD8-TX  
PA8-SCL  
PC9-SDA  
+5V  
GND

AN-PC5  
RST-PE4  
CS-PE5  
SCK-PB13  
MISO-PC2  
MOSI-PB15  
+3.3V  
GND

PA1-PWM  
PE7-INT  
PB11-RX  
PD8-TX  
PB6-SCL  
PB9-SDA  
+5V  
GND

AN-PC1  
RST-PE2  
CS-PB12  
SCK-PB13  
MISO-PC2  
MOSI-PB15  
+3.3V  
GND

PC4  
PA2-TX  
PA3-RX  
PB0  
GND  
3V3

PB14  
PC8  
PA8  
PC9  
GND  
3V3

GND  
PD15  
PD13  
PD11  
PD9  
PB15  
PB13  
PB11  
PE15  
PE13  
PE11  
PE9  
PE7  
GND  
PB1  
PC5  
PA7  
PA5  
PA3  
PA1  
PC3  
PC1  
GND  
VDD  
GND

5V  
GND  
PA3-UART2-RX  
PA2-UART2-TX

PD13  
PD12  
PD15  
PD14  
GND  
3V3

TX6  
GND

GND  
PC6  
PC8  
PA8  
PA10  
PA14  
PC10  
PC12  
PD1  
PD3  
PD5  
PD7  
PB4  
PB6  
BOOT0  
PB8  
PE0  
PE2  
PE4  
PE6  
PC14  
PH0  
3V  
5V  
GND

3V3  
GND  
PA5  
PA6  
PA7  
PE0

3V3  
GND  
PA15  
PC11  
PB7  
PB5

GND  
CAN\_L  
CAN\_H

3V3  
VBUS  
5V  
Vext5V

5Vext  
GND

GND  
LED-A  
VEE  
CS0  
A3-DI  
A2/WR  
RST  
A1-CS2  
A0-CS1  
D7  
D6  
D5  
D4  
D3  
D2  
D1  
D0  
V0  
GND  
5V

GND  
5V  
V0  
A3-DI  
A2/WR  
CS0  
D0  
D1  
D2  
D3  
D4  
D5  
D6  
D7  
A1-CS2  
A0-CS1  
RST  
VEE  
LED-A  
GND