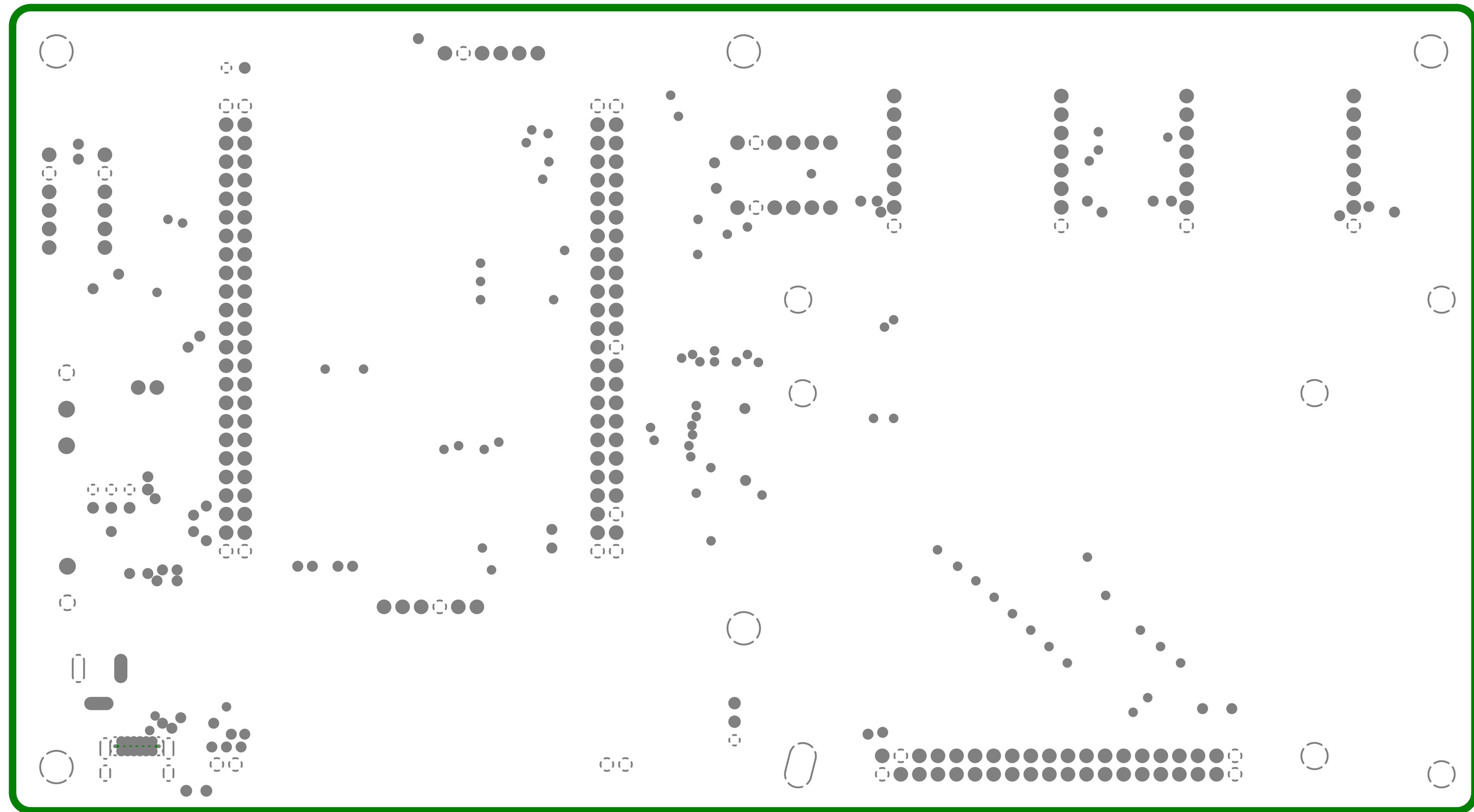
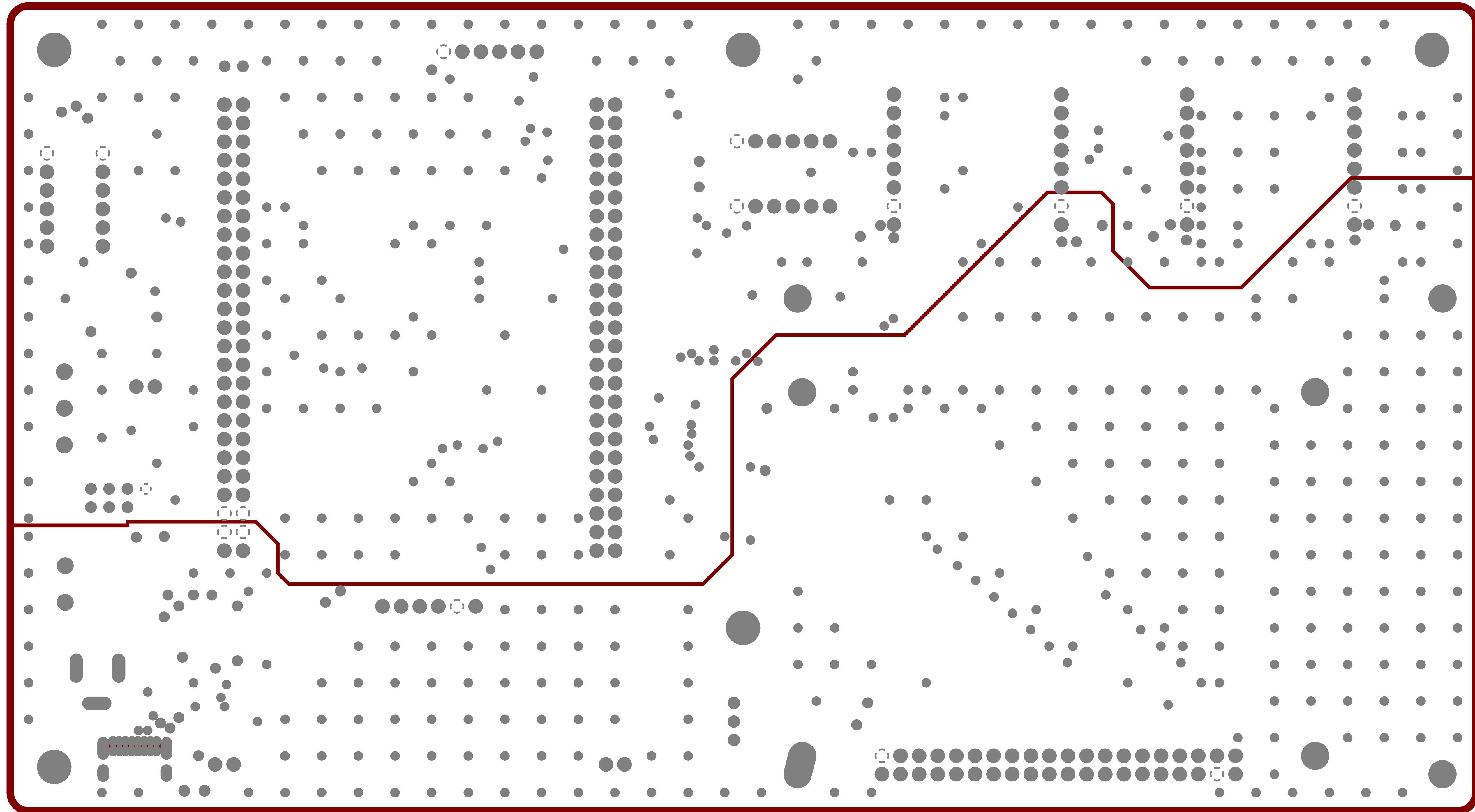


Layer	Name	Thickness	Gerber	Board Layer Stack
	Top Overlay		GTO	
	Top Solder	0.025mm	GTS	
	Top Surface Finish	0.020mm		
1	Top Layer	0.035mm	GTL	
	Dielectric 1	0.130mm		
	Dielectric 2	0.130mm		
2	Int1 (GND)	0.035mm	GP1	
	Dielectric 3	0.711mm		
3	Int2 (PWR)	0.035mm	GP2	
	Dielectric 4	0.130mm		
	Dielectric 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 : Rounded Path Length = Calculated from tool start centre position to tool end centre position.
Hole Length = Rounded 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