

GND GND

VDD VDD

SCL SDA

SDA SCL

ISOLATED PORTS

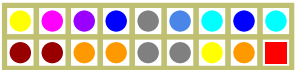


ISOLATION

2 Layers  
0.6MM  
Copper 1oz  
Impedance  
Single 50Ω  
Single 60Ω  
Diff 90Ω

USB TO  
I2C  
AND  
SMB  
ISOLATED

SCH-Ver-1 & PCB-Ver-1



IO7	IO6	IO5	IO4	GND	IO3	IO2	SCL	
5V	5V	3.3V	3.3V	GND	GND	SUS#	SUS	

U1U=CP2112-F03-GM U1I=ADUM1252AWA+ U1L=SGM2019-ADJYN5G/TR Q1P, Q2P=PMPB14XPZ ZD1P, ZD2P=MM3Z12VST1G D1U=SRV05-4 F1P, F2P = 250mA, 100mA R1U, R2U, R3L = 10KΩ R2L = 20KΩ R0L = 1.69KΩ R1I, R2I, R3I, R4I = 2.2KΩ R1P, R2P = 100KΩ R1C, R2C = 5.1KΩ R4L = 2.49KΩ R1L = 33KΩ C1I, C3U, C4I, C4U, C1P, C1U, C2L, C2U, C3P = 100nF	C3P = 1uF C5U = 4.7uF C3L, C1L = 10uF C2I, C3I = 1nF Register, 1%, 0603 Capacitor, 10%, 0603
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NON-ISOLATED PORTS



SDA  
RST#

Alcatraz