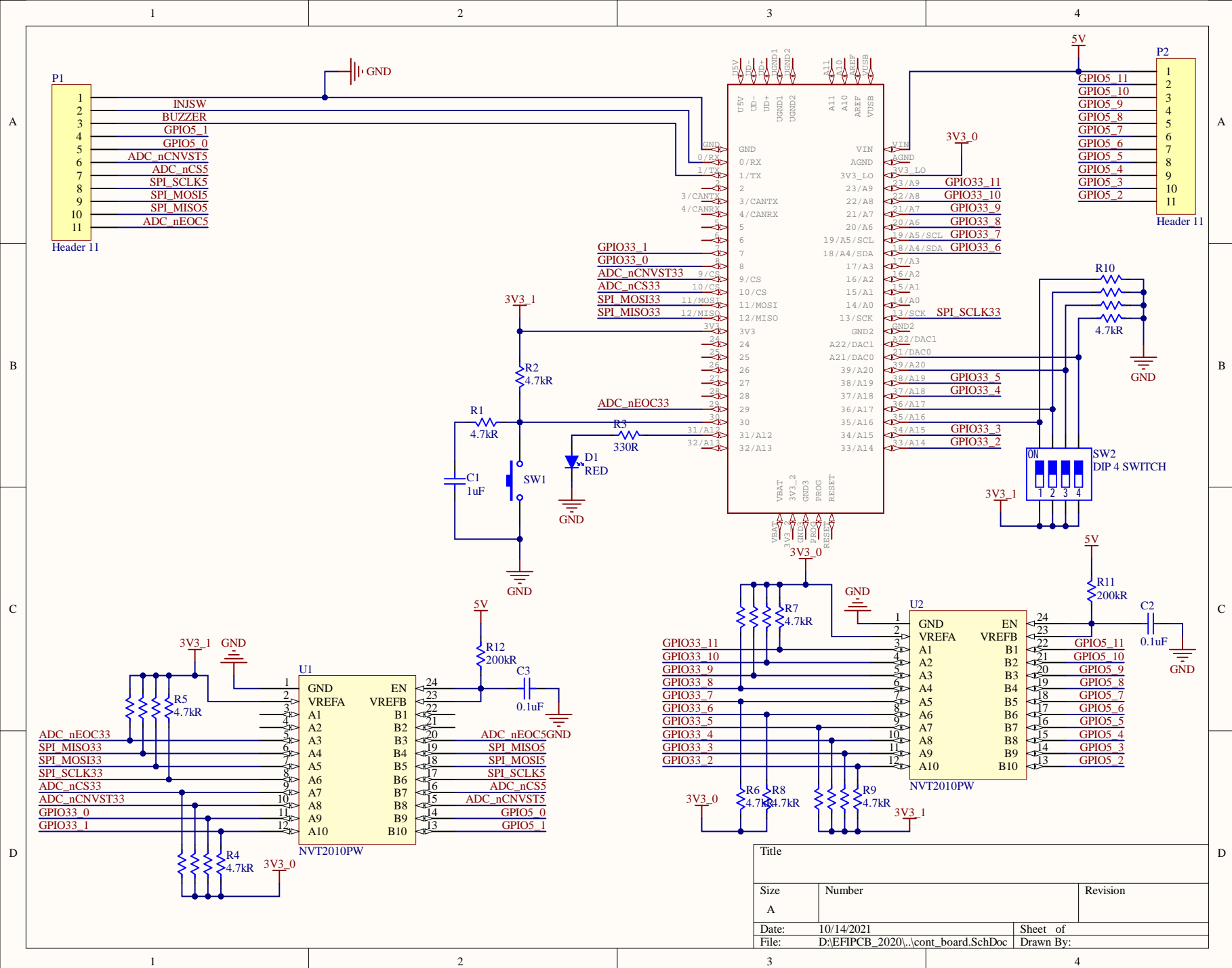
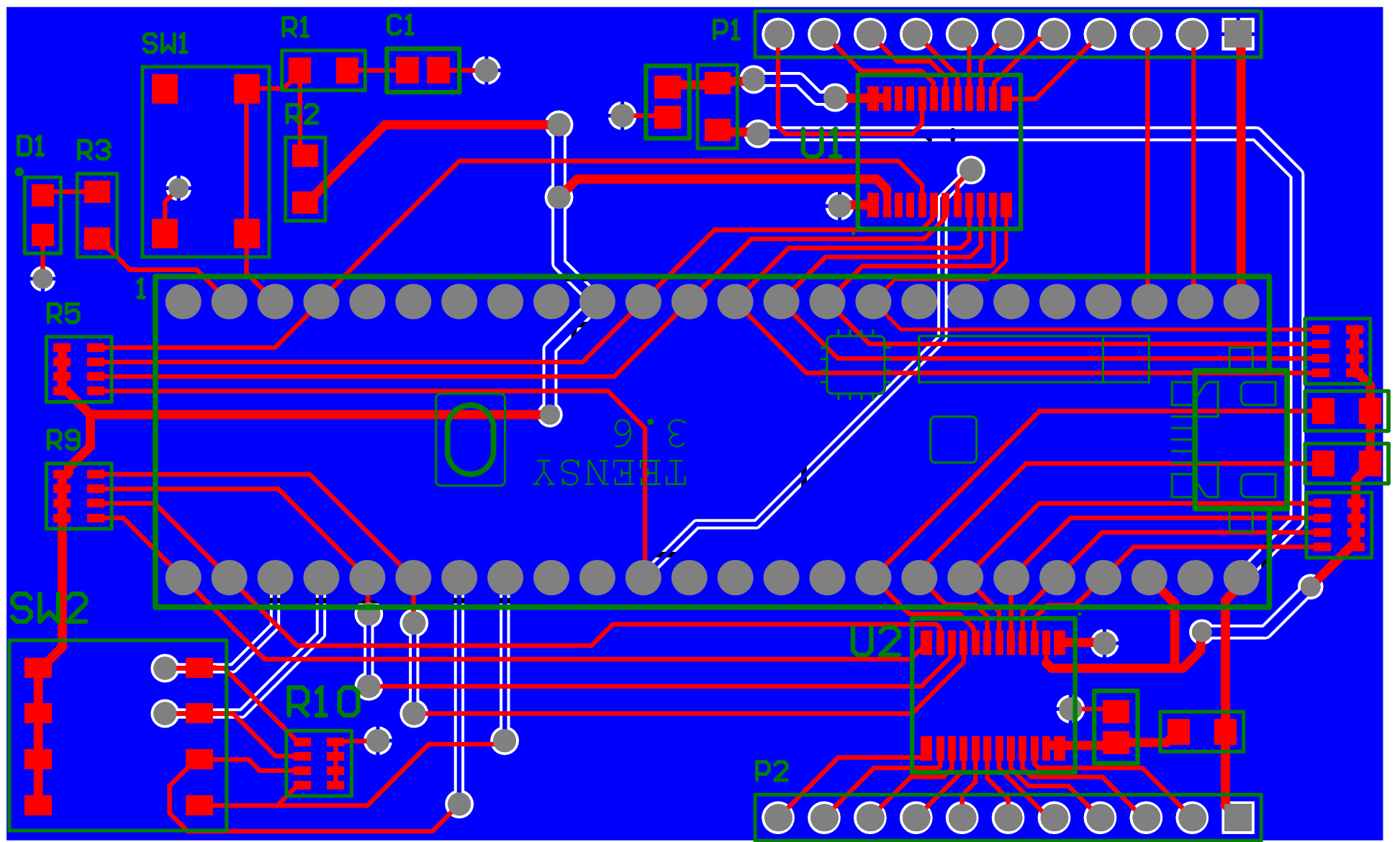
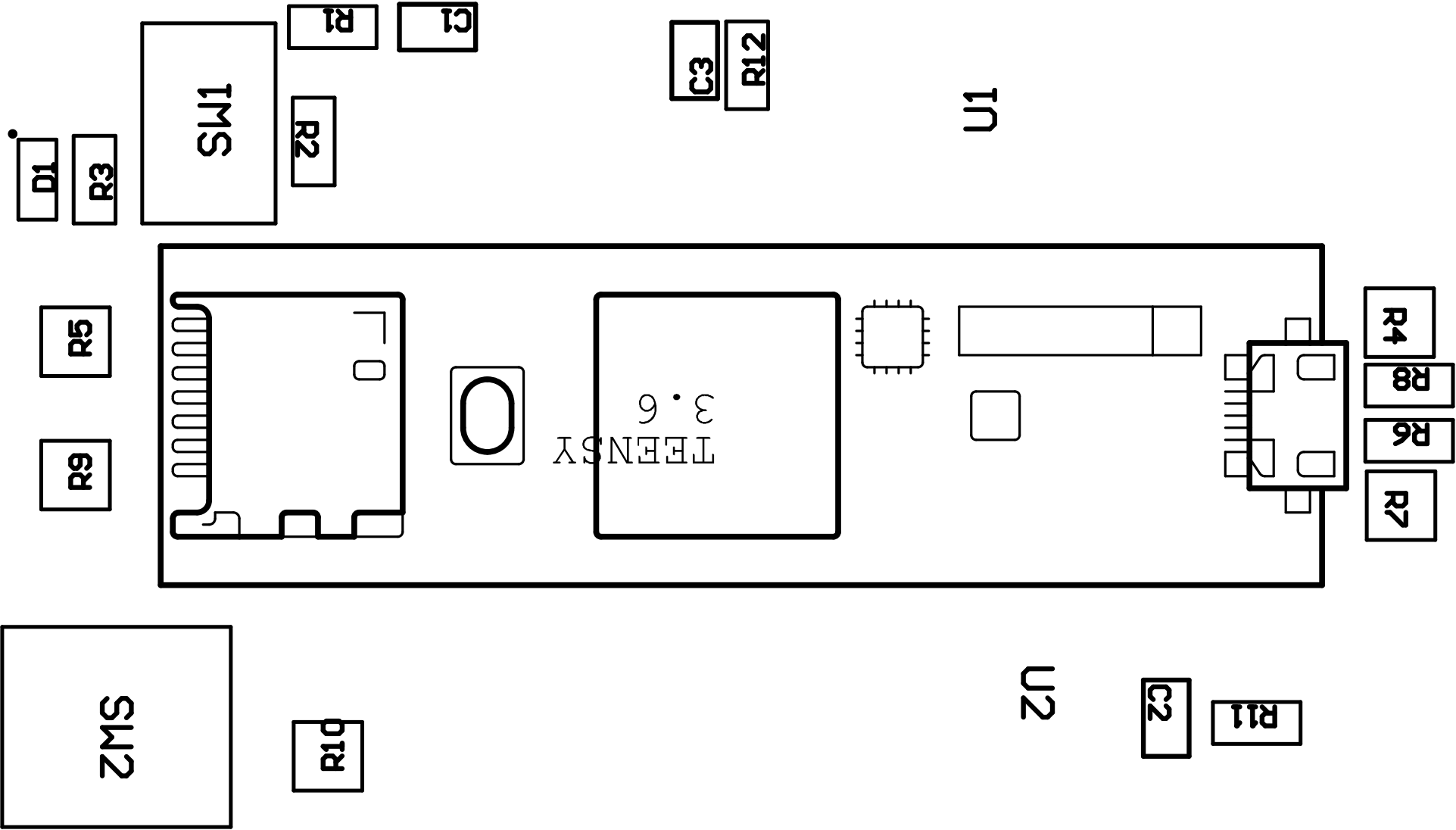


Line #	Name	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	TEENSY_3.5/3.6		1	1							
	1uF	Cap Ceramic 1uF 16V Y5V -20% to 80% Pad SMD 0805 85C T/R	C1	1	KEMET	C0805C105Z4VACTU	Volume Production	Digi-Key	399-8011-1-ND	0.11	0.11
	0.1uF	CAP CER 0.1UF 25V X7R 0805	C2, C3	2	KEMET	C0805C104M3RACTU	Volume Production	Digi-Key	399-8000-1-ND	0.1	0.2
	RED	WURTH ELEKTRONIK 150080SS75000 LED, 0805, SUP RED, 60MCD, 630NM	D1	1	Wurth Electronics	150080SS75000	Volume Production	Digi-Key	732-4985-1-ND	0.18	0.18
	Header 11	Header, 11-Pin	P1, P2	2	Harwin	M20-9771146	Volume Production	Mouser	855-M20-9771146	0.38	0.76
	4.7kR	Res Thin Film 0805 4.7K Ohm 0.5% 0.125W(1/8W) ±25ppm/C Molded SMD Automotive Punched T/R	R1, R2, R6, R8	4	Panasonic	ERA-6AED472V	Volume Production	Digi-Key	P123914CT-ND	0.1	0.4
	330R	Res Thin Film 0805 330 Ohm 0.5% 0.125W(1/8W) ±25ppm/C Molded SMD Automotive Punched T/R	R3	1	Vishay Dale	CRCW0805330RJNEA	Volume Production	Avnet	CRCW0805330RJNEA	0.095	0.095
	4.7kR	RES ARRAY 4 RES 4.7K OHM 1206	R4, R5, R7, R9, R10	5	Bourns	CAY16-472J4LF	Volume Production	Digi-Key	CAY16-472J4LFCT-ND	0.1	0.5
	200kR	VISHAY CRCW0805200KJNEA RES, THICK FILM, 200K, 5%, 0.125W, 0805	R11, R12	2	Vishay Dale	CRCW0805200KJNEA	Volume Production	Digi-Key	541-200KACT-ND	0.1	0.2
	B3FS-1000P	OMRON - B3FS1000P - SWITCH, FLAT, 6X6X3.1, 100GF	SW1	1	Omron	B3FS-1002	Volume Production	Farnell	3121173	0.22238	0.22238
	DIP 4 SWITCH		SW2	1	CUI Devices	DS04-254-2-04BK-SMT-TR	Unknown	Digi-Key	2223-DS04-254-2-04BK-SMT-CT-ND	0.66	0.66
	NVT2010PW	10 pin Bidirectional Level Shifter IC	U1, U2	2	Nexperia	LSF0108PWJ	Unknown	Newark	41AH9768	0.919	1.84







Design Rules Verification Report

Filename : D:\EFIPCB_2020\cont_board\cont_board.PcbDoc

Warnings 0
Rule Violations 0

Warnings	
Total	0

Rule Violations	
Clearance Constraint (Gap=0.152mm) (All),(All)	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Un-Routed Net Constraint ((All))	0
Modified Polygon (Allow modified: No), (Allow shelved: No)	0
Width Constraint (Min=0.152mm) (Max=10.16mm) (Preferred=0.203mm) (All)	0
Power Plane Connect Rule(Direct Connect)(Expansion=0.406mm) (Conductor Width=0.152mm) (Air Gap=0.152mm)	0
Minimum Annular Ring (Minimum=0.178mm) (All)	0
Hole Size Constraint (Min=0.33mm) (Max=6.731mm) (All)	0
Hole To Hole Clearance (Gap=0.254mm) (All),(All)	0
Minimum Solder Mask Sliver (Gap=0mm) (All),(All)	0
Silk To Solder Mask (Clearance=0.152mm) (IsPad),(All)	0
Silk to Silk (Clearance=0mm) (All),(All)	0
Net Antennae (Tolerance=0mm) (All)	0
Board Clearance Constraint (Gap=0mm) (All)	0
Height Constraint (Min=0mm) (Max=25.4mm) (Preferred=12.7mm) (All)	0
Total	0