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	ID			
	DATE	01/22/2024 14:46:32		
	VARIANT	STANDARD CONFIG		
	ENGINEER	TYPE HEI	RE	
			LAYER	
FILE Offset_Attenuator.PcbDoc			M# Boptom	
CONFIDENTIAL			•	

Layer	Name	Material	Thickness	Constant	Board Layer Stack
	Top Overlay				
	Top Solder	Solder Resist	O.40mil	3.5	
1	M1 Top		1.38mil		
	Dielectric 2-3	FR-4	44.49mil	3.96	
2	M4 Bottom		1.38mil		
	Bottom Solder	Solder Resist	0.40mil	3.5	
	Bottom Overlay				

Total board thickness:

48.04mil

FABRICATION NOTES

- 1) FABRICATE TO THE 'PCB SPECIFICATION SELECTION' ENTERED ON THE WEBSITE.
- 2) SUBSTITUTION OF DEFAULT MANUFACTURER STACKUP OF INDICATED LAYER COUNT IS ACCEPTABLE.
- 3) NO IMPEDANCE CONTROL

Designator	Description	Value	Vendor	Vendor P/N	Manufacturer	Manufacturer P/N	Quantity	Price
[NoValue], R8							2	
BT1	BATTERYHOLDER9V PC PIN				Memory Protection Devices		1	
C1, C4, C6	0603 Ceramic Chip Capacitor - Standard	1uF					3	
C2, C3, C5, C7, C8	0603 Ceramic Chip Capacitor - Standard	0.1uF					5	
C9, C10	0402 Ceramic Chip Capacitor - Standard	470pF					2	
C11	0603 Ceramic Chip Capacitor - Standard	0.0047uF					1	
D1	High Conductance Fast Switching Diode, 75 V, -55 to 150 degC, 2-Pin SOD523F, RoHS				Fairchild Semiconductor		1	
D2	LED GREEN CLEAR SMD						1	
Л	Block, Terminal; 13.5 A; 250 V; 5.08 mm; 26 to 16 AWG; 2; Screw; Solder; 4 kV						1	
J3, J4	Nickel Plating 50 Ohm Right Angle Metalized Jack PCB BNC Connector						2	None
R1, R2, R3, R4	Standard	0					4	
R5, R6, R7	Chip Resistor, 0 Ohm, +/- 5%, 0.25 W, - 55 to 155 degC, 1206 (3216 Metric)						3	
R9	0603 Chip Resistor - Standard	150					1	
SW1	SWITCH SLIDE SP3T 300MA4V						1	
U1	Positive Voltage Regulator, 3-Pin DPAK, Tape and Reel						1	
Y1	SMD CLOCK OSCILLATOR						1	None