



Title		
Size	Number	Revision
A4		
Date:	12-29-2025	Sheet of
File:	C:\Users\...\BC.SchDoc	Drawn By:

Description	Designator	Manufacturer 1	Manufacturer Part Number 1	Quantity	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1
Chip Capacitor, 100 nF, +/- 10%, 50 V, 0603 (1608 Metric)	CB00T			1			
4.7uF ±20% 100V Ceramic Capacitor X7S 1210 (3225 Metric)	CN1, CN2			2			
CAP, Ceramic, 47 uF, 20%, 16 V, 1210, RoHS, Tape and Reel	COU1, COU2			2			
CAP CER 0.022UF 50V X7R 0603	CSS			1			
Schottky Barrier Rectifier, 5 A, 60 V, -55 to 125 degC, 2-Pin SMD, RoHS, Tape and Reel	D			1			
Power Choke Shielded Wirewound 15uH 20% 1KHz Ferrite 6.5A 26mOhm DCRT/R	L			1			
Chip Resistor, 10 KOhm, +/- 1%, 01 W, -55 to 155 degC, 0603 (1608 Metric)	R1, R2, RT			3			
IC REG BUCK ADJUSTABLE 3A 8SOPWR	U1			1			
Male Header, Pitch 2 mm, 1 x 2 Position, Height 4.8 mm, Tail Length 3.4 mm, -25 to 85 degC, RoHS, Bulk	VIN, VOUT			2			