

BCR Rev2

Components:

Item	Qty	Reference(s)	Value	Description	Mfr	Mfr PN
1	1	C1	3.3uF	1206		
2	4	C2, C3, C4, C7	1.0uF	0805		
3	2	C5, C6	0.1uF	0603		
4	2	C8, C9	390pF	0603		
5	1	D1	LED	0603 red		
6	1	D2	15V		ON Semi	MM3Z15VC
7	1	J1	Power Out	CONN, Screw Terminal 3.5mm Hor 2-pin	METZ CONNECT GmbH	31060102
8	1	J2	USB_C PWR IN	CONN USB-C Mid Mount 16pin	Jing Extension of the Electronic Co.	C168688
9	1	J3	AUX			
10	2	Q1, Q2	Si3421DV		Vishay	Si3421DV-T1-GE3
11	1	Q3	2N7002	SOT23		
12	5	R1, R6, R20, R21, R22	10K	0603		
13	2	R2, R15	0R	0603		
14	2	R3, R16	1K0	0603		
15	2	R4, R17	2K4	0603		
16	1	R5	47K	0603		
17	0	R7, R9, R11, R19	DNP	0603		
18	6	R8, R10, R12, R13, R14, R18	5K1	0603		
19	1	SW1	SW_SS10-15		C&K	SS10-15
20	1	U2	CYPD3177	IC USB PD SINK CONTROLLER QFN-24	Cypress	CYPD3177-24LQXQ
	1	PCB		Rev2		