

sbc-sd

Ref	Qty	Value	Cmp name	Footprint	Description	Vendor
C1, C2, C5	3	0.1uF	C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor	https://www.mouser.com/ProductDetail/80-C0805C104J1RECAUT
C3, C4	2	1uF	C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor	https://www.mouser.com/ProductDetail/KEMET/C0805C105K5BACTU?qs=IP0bYSAMAFRdUffcErrLQ==&countryCode=US&currencyCode=USD
C6	1	4.7uF	C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor	https://www.mouser.com/ProductDetail/KEMET/C0805C475K3RACAUTO?qs=T3oQrply3y%2B2vAsBCXYt5w==&countrycode=US&currencycode=USD
J1	1	SIO-Header	Conn_01x04_Pin	Connector_PinHeader_2.54mm:PinHeader_1x04_P2.54mm_Vertical	Generic connector, single row, 01x04, script generated	
J2, J3	2	RP2040-Zero-lhs RP2040-Zero-rhs	PinHeader_1x07_P2.54mm	Connector_PinHeader_2.54mm:PinHeader_1x09_P2.54mm_Vertical	Use 1x7 pin headers	
N/A	1		Waveshare RP2040-Zero		Waveshare RP2040-Zero	https://www.amazon.com/RP2040-Zero-High-Performance-Microcontroller-Castellated-Applications/dp/B09KZPCNPL?ref_=ast_sto_dp
J5	1	104031-0811	Micro_SD_Card_Det2	Connector_Card:microSD_HC_Molex_104031-0811	Micro SD Card Socket with two card detection pins	https://www.mouser.com/ProductDetail/Molex/104031-0811?qs=udsGRKD4nA3Tvy7wqky%2BuA==
R1, R2, R3, R4, R5, R6, R7	7	10K	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/EBJ-P06F1002V?qs=Zyl8A9hlmJpSDn8Y2yUj3g==
U1	1	TXU0304	TXB0104D	Package_SO:TSSOP-14_4.4x5mm_P0.65mm	4-Bit Bidirectional Voltage-Level Translator	https://www.mouser.com/ProductDetail/Texas-Instruments/TXU0304PWR?qs=QNEfbhJQKvZVYXIKZoXs0A==&countrycode=US&currencycode=USD
U2	1	LD39015M33R	LD39015M33R	Package_TO_SOT_SMD:SOT-23-5	150mA low quiescent current low noise voltage regulator, Fixed Output 3.3V	https://www.mouser.com/ProductDetail/STMicroelectronics/LD39015M33R?qs=%2BB84zevwoRAz%2BeUXbT2f9w==&countrycode=US&currencycode=USD