

Bill of materials - WiPy Expansion board v1.2

Description	RefDes	Manufacturer	Manufacturer Part No.	Quantity
Resistor_0402_63mW_5%, 27R	R5, R6			2
Resistor_0402_63mW_1%, 392R	R15			1
Resistor_0402_63mW_1%, 1K2	R1, R3, R4, R8, R10, R13			6
Resistor_0402_63mW_1%, 2k	R11			1
Resistor_0402_63mW_5%, 10k	R12			1
Resistor_0402_63mW_1%, 56k	R16			1
Resistor_0402_63mW_5%, 100k	R2, R7, R9			3
Resistor_0402_63mW, 115k	R14			1
Ceramic_0402_NP0, 47pF/50V	C7, C8			2
Ceramic_0402_X5R, 0.1µF/10V	C2, C4, C5, C6, C9, C12, C13, 14			8
Ceramic_0603_X5R, 1µF/10V	C11			1
Ceramic_0805_X5R, 10µF/10V	C3, C10			2
FerriteBead_0805, BLM21PG600SN1D	L1	MURATA	BLM21PG600SN1D	1
LED_0603, LED_GREEN	D1, D2	KINGBRIGHT	KPT-1608SGC	2
LED_0603, LED_RED	D3	KINGBRIGHT	KPT-1608EC	1
P_Channel, FDC6333C	T2	FAIRCHILD SEMICONDUCTOR	FDC6333C	1
P_Channel, FDMA291P	T1	FAIRCHILD SEMICONDUCTOR	FDMA291P	1
USB_BRIDGE, FT234XD	U1	FTDI	FT234XD-R	1
CHARGERS, bq24040	U2	TEXAS INSTRUMENTS	BQ24040DSQR	1
MUX, TPS2115A	U3	TEXAS INSTRUMENTS	TPS2115ADRBR	1
Connector_JST, JST	J16	JST	S2B-XH-A (LF)(SN)	1
Connector_SD, SD-105027-001	J3	MOLEX	105027-0001	1
Connector_SSQ, SSQ-114-03-G-S	J1, J2, J4, J5	SAMTEC	SSQ-114-02-G-S-RA	4
Connector_USB, MICROUSB	J15	FCI	10118192-0001LF	1
Jumpers, JUMPER 2 2.54mm	JP3			7
SWITCHES, TS-1185	S1	Hooya	TS-1185	1
Total				53