

Bill of materials - WiPy v1.3

Description	RefDes	Manufacturer	Manufacturer Part No.	Quantity
Resistor_0402_100mW_5%, 270R	R1			1
Resistor_0402_63mW_5%, 2K7	R11			1
Resistor_0402_63mW_5%, 10k	R3			1
Resistor_0402_63mW_1%, 30K1	R16			1
Resistor_0402_63mW_1%, 51K	R15			1
Resistor_0402_63mW_5%, 100k	R2, R4, R6, R9, R10, R12, R13, R14			8
Ceramic_0402_NP0, 6.2pF/50V	C10, C11			2
Ceramic_0402_NP0, 10pF/50V	C2, C3, C4, C5, C6			5
Ceramic_0402_NP0, 18pF/50V	C31			1
Ceramic_0402_NP0, 33pF/50V	C1, C7			2
Ceramic_0402_X5R, 0.1µF/10V	C8, C9, C15, C16, C17, C21, C22, C23, C25, C26, C27, C28, C29			13
Ceramic_0402_X5R, 4.7µF/6V3	C12, C13, C14			3
Ceramic_0603_X5R, 10µF/6.3V	C20, C24			2
Ceramic_0603_X5R, 22µF/6.3V	C18, C19			2
Ceramic_0805_X5R, 10µF/10V	C30, C32			2
INDUCTORS, LQM2HPN1R0MJ0L	L2	Murata	LQM2HPN1R0MJ0L	1
INDUCTORS, LQM2HPN2R2MG0L	L1, L3	Murata	LQM2HPN2R2MG0L	2
Filters, DEA202450BT-1294C1-H	FL1	TDK-Epcos	DEA202450BT-1294C1-H	1
LED_0603, LED_BLUE	D1	EVERLIGHT	19-217/BHC-ZL1M2RY/3T	1
N_CHANNEL, BSS138PW	T1	NXP	BSS138PW	1
P_Channel, FDMA291P	T2	FAIRCHILD SEMICONDUCTOR	FDMA291P	1
Crystals, 32.768kHz, 12.5pF	X1	ABRACON	ABS07-32.768KHZ-T	1
CRYSTALS, 40.000MHZ, 8pF	X2	AVX	CX2520DB40000D0FLJCC	1
FlashMemory, W25Q16DVZPIG	U3	Winbond	W25Q16DVZPIG	1
LowDrop, TPS79601DRB	U4	TEXAS INSTRUMENTS	TPS79601DRBR	1
RF_SWITCH, SKY13350-385LF	U2	Skyworks	SKY13350-385LF	1
TI, CC3200R1M2	U1	Texas Instruments	CC3200R1M2RGC	1
SWITCHES, TS-1185	S1	Hooya	TS-1185	1
UFL, HJBRIGHT	ANT2	HJBRIGHT	P1163-0140R	1
Antennas, FR05-S1-N-0-001	ANT1	Fractus	FR05-S1-N-0-001	1

Total				61
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