Bill Of Materials for wifi_switch

Design Title   `wifi_switch`
Author
Document Number
Revision
Design Created   `11 July 2022`
Design Last Modified   `02 November 2022`
Total Parts In Design   `36`

0 Modules

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
Sub-totals:					£0.00

2 Capacitors

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
2	C1-C2	0.1u	CAPC3216X140	Digikey 311-1179-1-ND	
Sub-totals:					£0.00

8 Resistors

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
4	R1_470,R3_470,R5_470,R7_470	470	RESC5025X65	Digikey P470WCT-ND	£2.70
4	R2_120,R4_120,R6_120,R8_120	120Ohm	RESC5025X65	Digikey P120WTR-ND	£2.70
Sub-totals:					£21.60

0 Integrated Circuits

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
Sub-totals:					£0.00

4 Transistors

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
4	Q1-Q4	2N3904	TO92127P495H4953		£3.00
Sub-totals:					£12.00

0 Diodes

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
Sub-totals:					£0.00

22 Miscellaneous

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
1	12PIN_TERMINAL	TBLOCK-M12	TBLOCK-M12		£88.00
1	DC_JACK	RAPC722X	RAPC722X		£8.40
1	DISPLAY	CONN-SIL4	CONN-SIL4		£0.90
1	ESP	ESP-12F	ESP-12F		£102.00
4	OP1-OP4	PC817	DIL04		£6.50
4	PN1-PN4	1N4007SMD	C1206		£2.00
1	PROG	CONN-SIL6	CONN-SIL6		£1.35
1	RESET	CONN-SIL2	CONN-SIL2		£0.45
4	RL1-RL4	G5CLE-1-DC12	RLY-OMRON-C4		£26.00
1	RX	JUMPER	CONN-SIL2		£0.85
2	SMPS_5V_GND,SMPS_L_N	TBLOCK-I2	TBLOCK-I2		£5.00
1	VREG	AMS1117	AMS1117		
Sub-totals:					£349.95

Totals:					£383.55