

## input\_module\_1.5

RefDes	Value	Quantity	Mouser P/N	Digi-Key P/N	Adafruit P/N	BuyDisplay			Type
C1, C10, C11, C12, C13, C14, C16, C2, C3, C4, C5, C6, C7, C8, C9	.1uf	15	603-CC206KRX7R9BB104						CAP_1206 .1uf
C15	.01uf		1603-CC1206JK9BN103						CAP_1306
D1	SMBJ18CA		1652-SMBJ18CA						CD1813
Fuse1	3 Amp		1652-MF-LSMF300/24X-2						PTC fuse
IC1, IC5	PCF8574		2771-PCF8574ATD-T						PCF8574
IC2	PCA9536D		1771-PCA9536D-T						PCA9536D
IC3	L7805CDT-TR	1	511-L7805CDT-TR						DPAK/TO-220
IC4	RF Input Selection		1595-SN74CBT3251DE4						SN74CBT3251D
J1	Coupler Input #1		1806-GDLX-A-88						RJ45F
J11	Data/Control	1		ESW-108-49-L-S-LL					IDC2X8F
J12, J13	Front Panel Mount	2	534-7690						Panel Mount connector
J14	Cplr #1 Alarm		1409-SJ-3523_SMT-TR						3.5mm Female Jack
J15	Cplr #2 Alarm		1409-SJ-3523_SMT-TR						3.5mm Female Jack
J2	Coupler Input #2		1806-GDLX-A-88						RJ45F
J3	Power ESP8266		1571-5-146277-3						1X3H
J4	12 to 18 Volts DC In		1490-PJ-102AH						3pin
J5	Pwr/Cplr/I2C	1	538-22-28-4081						1X8M
J6	Speaker		1538-22-28-9034						1X3H
J7	Control Board Connection	1				40 Pin 1.0mm			FFP-40R
J8	Program ESP8266		1538-22-28-4081						1X8M
J9	USB Program Port	1	640-USB1030-GF-P-B-B						1X4M
JU1	Serial Direction		1538-22-28-4081						1X4M
K1	SWR Alarm #1		1655-V23105A5503A201	PB1073-ND					RELAY2BM
K2	SWR Alarm #2		1655-V23105A5503A201						RELAY2BM
Q1, Q2	NUD3124LT1G		2863-NUD3124LT1G						SOT-23
Q3	DMP3099L-7		1621-DMP3099L-7						SOT-23
Q4, Q5	2N2222A		2771-MMBT2222A215						SOT-23
R1, R2, R3, R4	10k		4603-AC0805FR-0710KL						RES_0805
RN4	6.8k		1652-4609X-1LF-6.8K						RES10SIPB
U1	ESP8266F	1			ESP-12F				SMD
U3	3V3 Reg		1511-LD1117AS33						LD1117AS33

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Cost
0.21
0.42
0.222
0.972
1.7
1.36
0.948
0.67
0.62
3.52
0.32
0.598
0.598
0.62
0.388
0.597
0.307
0.166
0.35
0.307
0.43
0.307
3.57
3.57
0.273
0.157
0.033
0.008
0.184
6.26
0.931