

Weatherbot BOM

ID	Designator	Quantity	ID	Descrip
1	C1, C2, C3, C4, C5, C6, C7	7	Cap	Capacitor
2	D1, D3, D4	3	LED	
3	D2	1	Diode	Schottky Rectifier
4	J1, J2	2	MHDR1X2	Header, 2-Pin
5	LS1	1	Buzzer	
6	NTC, R1, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20	18	Res	Resistor
7	P1	1	Adafruit Feather Socket	General purpose Adafruit Feather
8	P2	1	Adafruit P358 Breakout	1.8" Color TFT LCD display with MicroSD Card Breakout - ST7735R
9	Q1	1	NPN	NPN Bipolar Transistor
10	Q2, Q3, Q4	3	MOSFET-N	N-Channel MOSFET
11	R2, R3, R4	3	Res1	Resistor
12	SW2, SW3	2	SW-SPST	Single-Pole, Single-Throw Switch
13	U1	1		Transceiver; LoRa® For Use With ATSAMD21G18, RFM95W
14	U2	1	LTR-329ALS-01	Optical Sensor Ambient I ² C 4-VDFN
15	U3	1	HDC2010YPAT	No Description Available
16	U4	1	ICP-10100	Pressure Sensor 4.35PSI ~ 15.95PSI _30kPa ~ 110kPa_ Differential 10-WFLGA
17	U6	1	MCP73871T-2CCI/ML	Charger IC Lithium Ion/Polymer 20-QFN _4x4_
18	U7	1	TPS7A11	1.8V, 500-mA, Low VIN, Low VOUT, Ultra-Low Dropout Regulator