Bill Of Materials for: Team3, Automatic Heater
Last modified: 11/9/2021
PCB version: v19
BOM revision: 1.0r1 P/NP = Place/Not Place (components marked NP are not stuffed on the board)

Cnt	Part References	P/NP	Mfg	Mfg PN	Description	Dist	Dist Part Number	Cost Ea.	Cost Total
1	Board1	NP	Hiletgo	03-01-1287	ESP-WROOM-32 ESP32 ESP-32S Development Board	Amazon	B0718T232Z	**$8.99**	**$8.99**
2	OLED1	P	MakerFocus	B0761LV1SD	0.91 Inch I2C SSD1306 OLED Blue Display Module	Amazon	B0761LV1SD	**$3.99**	**$3.99**
3	IC1	P	Todiys	B084QFX94X	ULN2003A	Amazon	B084QFX94X	**$0.45**	**$0.45**
4	Board1	P	bnafes	B08NCZP729	Female Headers	Amazon	B08NCZP729	**$0.18**	**$0.18**
5	C1	P	MCIGICM	32120000	10nF 50V X7R ± 10% Tolerance 0805 Capacitor	Amazon	B06XD3K15S	**$0.01**	**$0.01**
6	R1	P	CHANZON	DZ-TPDZ1206B1-TC60-1200	1/4W 0.25W ±1% Tolerance 1206 Resistor	Amazon	B08RYMYWG9	**$0.01**	**$0.01**
7	R2, R3, R4, R5	P	CHANZON	DZ-TPDZ1206B1-TC60-1200	1/4W 0.25W ±1% Tolerance 1206 Resistor	Amazon	B08RYMYWG9	**$0.01**	**$0.01**
8	BUTTON_A, BUTTON_B, BUTTON_C, BU	P	QTEATAK	744790367041	6 x 6mm x 5mm Momentary Tactile Tact Push Button Switch	Amazon	B07VSNN9S2	**$0.05**	**$0.18**
9	U2	P	OctagonStar	B01HA8ZMWK	DHT11 Digital Humidity Temperature	Amazon	B01HA8ZMWK	**$2.75**	**$2.75**
10	JP1	P	Glarks	B07BWGR4QP	2 Pin 2.54mm Straight Single Row Breakable PCB Board 40Pin Ma	Amazon	B07BWGR4QP	**$0.01**	**$0.01**
11	J1	P	GeeBat	GB0011	5 Pin 2.54mm JST-XH	Amazon	B01MCZE2HM	**$0.15**	
12									
13									
14									
15									
16								**TOTAL:**	**$16.58**

VERSION INFO

Rev	Date	Notes
1.0r1	2021-11-10	Forgot to add jumper and JST connection for Stepper
1.0r0	2021-11-09	Initial BOM.