

Team: TUE-16 Project: PocketPCR
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WORKING COMPONENTS

<u>S.No</u>	Part Description	Manufacturing Part Number	Qty
1	PT100 3 wire temperature probe	MAX31865	1
2	HC-05 Bluetooth module		1
3	Fan	12V 3010 Cooling Fan	1
4	CPU Cooling Fan		1
5	OLED 4-PIN I2C	SSD1306	1
6	OLED 7-PIN SPI	SSD1306	1
7	USB C 9V Samsung Charger		1
8	3 Amp / 20 Watt 12V Type-C Mobile Charger (White)		1
9	H-Bridge IC	DRV8870DDA	1
10	H-Bridge IC on Breakout board	DRV8870DDA	1
11	PT sensor	PTS120601B1K00P100	4
12	4-fin Heat sinks		1
13	Precision Instrumentation Amp	INA114AF	1
14	Peltier Module (Returned by MON-11)	TEC1-12710	1

DAMAGED COMPONENTS

<u>S.No</u>	Part Description	Manufacturing Part Number	Qty
1	Raspi pico W	RP2040 uC	2
2	Raspi pico	RP2040 uC	1
3	Peltier Module	TEC1-12715	1
4	Temperature Sensor	LM35DZ	2