







PCB REFLOW V1.0
Gabriel Vega 05/22

Part List

PCB Reflow

Source Data From:	PCB_Reflow_Arduino_V1.0.PrjPcb
Project:	PCB_Reflow_Arduino_V1.0.PrjPcb
Variant:	None

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Designator	Comment	LibRef	Footprint	Description
C8	1nF	Capacitor	C100-200-100	Capacitor
C9	100nF	Capacitor	C100-200-100	Capacitor
D1	10A10	10A10	DIODE-8.6	Diodo
D3	1N4749A	1N4749A	DO-41-Glass	Zener Diode
HS1	HS-TO-220	HS-TO-220	HS-TO-220-180847	Heatsink TO-220
IC1	ARD-NANO30NP	ARD-NANO30NP	ARDNANO30NP	Integrated Circuit
IC2	LMT85LP	LMT85LP	LMT85LP	Integrated Circuit
J1	12V Power Supply	Phoenix_1x2	PHOENIX_1X2 - 180°	Phoenix connector, 1 Lines, 2 Columns, 2 Pins
P1	External Switch UP	Header_1x2	HDR-M-1x2-2.54mm-180-9.2mm	Header, 1 Line, 2 Columns, 2 Pins
P2	External Switch Down	Header_1x2	HDR-M-1x2-2.54mm-180-9.2mm	Header, 1 Line, 2 Columns, 2 Pins
P3	I2C Display	Header_1x4	HDR-M-1x4-2.54mm-180-9.2mm	Header, 1 Line, 4 Columns, 4 Pins
P4	LED RGB	Header_1x4	HDR-M-1x4-2.54mm-180-9.2mm	Header, 1 Line, 4 Columns, 4 Pins
Q1	IRFZ46N	IRFZ46N	TO-220/123	HEXFET Power MOSFET
R1, R2, R3	10K	Resistor	R400-2.0mm	Resistor
R4, R5, R6	330R	Resistor	R400-2.0mm	Resistor
S1, S2	PushButton	PushButton_4	DTS-6.0mm-6.0mm-THT	Tactile Switch SPST 4 pins