

Designator	Value	Comment	Description	Footprint	Quantity
C1, C2	10uF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	2
C3, C4	100nF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	2
C5, C6	27pF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	2
C7, C8, C9, C10	47nF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	4
P1		1x4 Header	1x4 Pin Header	HDR1X4	1
P2		1x6 Header	1x6 Pin Header	HDR1X6	1
P3, P4, P5, P6		NTC THERMISTOR	1x2 Pin Header	HDR1X2	4
R1, R3, R5, R7	10K	Resistor	Resistor	0603 - Resistor	4
R2, R4, R6, R8	500m	Resistor	Resistor	0603 - Resistor	4
U1		STM32F303K6T6	Integrated Circuit	QFP80P900X900X160-32N	1
U2		TLV1117-33IDCYR	Linear Voltage Regulator IC 3.3V 800MA SOT223-4	TLV1117	1
U3		TJA1051T_3,118	CAN Transceiver IC 4.5V-5.5V 250ns	TJA1051T/3,118	1
Y1		Oscillator	Crystal Oscillator	2-SMD NO LEAD CRSYSTAL	1