

Description	Designator	Manufacturer Part Number	Quantity	Manufacturer	Link
HARWIN M20 Series, 2.54mm Pitch 3 Way 1 Row Straight PCB Header, Solder Termination, 3A	J3	Generic pin header	1		
OPTOCOUPLER, TRANSISTOR O/P, No. of Channels: 1; Voltage, Isolation: 5kV; Output Type: Transistor; Input Current: 50m...	O1, O2, O3, O4, O5, O6, U1, U2, U3	PC817X2NSZ1B	9	SHARP/Socle Technology	Link
Conn; Term Blk; PCB; 8; 3.5 mm; Front; 26-16 AWG; 10 A; 300 V; 1.2 mm PA	P1, P2, P3	1984633	3	Phoenix Contact	Link
Conn; Term Blk; Screw; 3; 3.5 mm; 26-16AWG; 10 A; 160 V; Solder; 2.5 kV; PA	P4, P5, P6, P20	1751251	4	Phoenix Contact	Link
Conn; Term Blk; PCB; 6; 3.5 mm; Front; 26-16 AWG; 10 A; 300 V; 1.2 mm PA	P7, P8, P11, P12, P13, P14, P15, P16	1984659	8	Phoenix Contact	Link
Conn Unshrouded Header HDR 42 POS 2.54mm Solder ST Thru-Hole Automotive Carton	P9	Generic pin header	1		
Single Row 6 Position 2.54 mm Pitch Straight Unshrouded Male Pin Header	P10, P17	Generic pin header	2		
Block, Terminal; 13.5 A; 250 V; 5 mm; 26 to 16 AWG; 2; Screw; Solder; 4 kV; PA	P18, P19	282837-2	2	TE Connectivity AMP Connectors	Link
PANASONIC ERA8AEB304V RESISTOR, 1206, 0.1%, 0.25W, 300K	R1, R2, R3, R4, R5, R6, R49, R50, R51	RC1206JR-0710KL	9	Yageo	Link
Thick Film Resistors - SMD 0805 2.2ohms 1% Tol	R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48	RC0805FR-0710KL'	42	Yageo	Link
N-Channel SiPMOS Small-Signal-Transistor, 60 V VDS, 0.23 A ID, -55 to 150 degC, PG-SOT23, Reel, Green	T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13, T14, T15, T16, T17, T18, T19, T20, T21	BSS138NH6327XTSA2	21	Infineon Technologies'	Link
Teensy 3.5/6 microcontroller with headers	uC1	teensy 3.5	1	PJRC	Link