RED?

Socket

BLACK?

Socket

J?

1
3
2

DC POWER JACK

J?

DC POWER PLUG

SMARTBELL CURRENT

BLACK

Socket

RED

Socket

FEMALE JST CONNECTOR

MALE JST CONNECTOR

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1
2
3
4
5

1
2
3
4
5

*

RESISTANCE CURRENT

Comment	Description	Designator	Footprint	LibRef	Quantity
Header 4	Header, 4-Pin	4-pin .156 MTA	HDR1X4	Header 4	1
Header 10	Header, 10-Pin	10-pin MTA	HDR1X10	Header 10	1
Socket	Socket	BLACK, BLACK?, RED, RED?, uController_GND, uController_P3[5]	PIN1	Socket	6
HDR8PIN_2X4_100	Header, 8 Pins, 0.100 in, Dual Row, AMP: 103328-4 or equivalent	Board_Console, Kiwi_to_Console	HDR8PIN_2X5_100	19156	2
HDR5PIN	Header, 5 Pins, 2.50mm, Vertical, Through hole, single row, Shrouded, JST: B05B-XASK-1-A	Board_Resistance, FEMALE JST CONNECTOR, HD3, MALE JST CONNECTOR, Resistance motor, USB_to_RS485_Adapter, USB_to_RS-485_Adapter_from_RaspberryPi3b	HDR5PIN_JST_XA_2.5MM	342211	7
HDR2PIN	Header, 2 Pins, 2.50mm, Vertical, Through hole, single row, Shrouded, JST: B02B-XASK-1-A	Board_Tach	HDR2PIN_JST_XA_2.5MM	342208	1
HDR4PIN	Header, 4 Pins, 2.50mm, Vertical, Through hole, single row, Shrouded, JST: B04B-XASK-1-A	CONN,JST,VH,.156,(411732)	HDR4PIN_JST_XA_2.5MM	342210	2
HDR12PIN100SHRD	Header, 12 Pins, 0.100 in., Shrouded, Ting Zi:018-W012IP no alternates, Header, 12 pins Pins, 0.1 in., Shrouded, AMP: 3-644861-2	HD1, HD?, MC5100_EXT_48W	HDR12PIN100SHRD	293272, 1763	4
HDR2PIN	Header, 2 Pins, 2.50mm, Right Angle, Through hole, single row, Shrouded, CJT: A2508WR-F-2P	HD4, RaspberryPi3b, VIN_5VDC_to_12VDC	HDR2PIN_rightangle_2.5mm	342769	3
HDR4PIN100SHRD	Header, 4 pin Pins, 0.100 in., Shrouded, AMP: 644486-4	HD?	HDR4PIN100SHRD	1768	1
HDR5PIN100SHRD	Header, 5 pin Pins, 0.100 in., Shrouded, AMP: 644486-5	HD?	HDR5PIN100SHRD	1770	2
HDR9PIN100SHRD	Header, 9 Pins Pins, 0.1 in, Shrouded, AMP: 644486-9	HD?	HDR9PIN100SHRD	2327	1
HDR-DC-PWR_CUI-PJ-102AH	Header, 3 Pins, DC BARREL JACK, CUI stack: PJ-060A or exact equivalent	HD?	HDR-DC_POWER	19154	1
HDR12PIN2_5MMSHRD	Header, 12 Pins, 2.5mm, Shrouded, Hsuan Mao: 7600-12PST or equivalent	J8 pin 40 = pin 1, J8 pin 17 = pin 1	HDR12PIN2_5MMSHRD	10696	2
Black_to_Multimeter	Socket	J?	PIN1	Socket	1
DC POWER JACK	Low Voltage Power Supply Connector	J?	KLD-0202	PWR2.5	2
DC POWER PLUG	RCA Phono Jack, Right Angle, Thru-Hole, Snap-In	J?	RCA/4.5-H2	RCA	1
Plug AC Female	IEC Mains Power Outlet, EN60 320-2-2 F Class I, PC Flange Rear Mount, Chassis Socket	J?	IEC7-2H3	Plug AC Female	2
Red_to_Multimeter	Socket	J?	PIN1	Socket	1
HDR8PIN	Header, 8 Pins, 2.50mm, Vertical, Through hole, single row, Shrouded, JST: B08B-XASK-1-A	JST_to_Console, JST_to_Console?, to_EQF1259_Boston1, to_EQF1259_TREAD1	HDR8PIN_JST_XA_2.5MM	342214	4
HDR4PIN100SLDR	Header, 4 pin Pins, 0.100 in., Solder, Part of the PCB, NOT a component	JST_to_Tablet_	4PIN100SLDR	6327	1
HDR_10PIN_DUALROW	Header, 10 Pins, 2.50mm, Vertical, Through hole, dual row, Shrouded, JST: B10B-XADSS-N-A	Kiwi_to_Motor_Controller, SWITCH BOX	HDR_2.5MM_10PIN_JST_XAD	343791	2
DRW# 378026	Header, 3-Pin	P?	MHDR1X3	MHDR1X3	1
Plug AC Male	IEC Mains Power Inlet, EN60 320-1 C14 Class I Cold Condition, PC Flange Rear Mount, Chassis Plug	P?	IEC9.14-2H3	Plug AC Male	1
To PSoC 4BLE	Header, 3-Pin	P?	HDR1X3	Header 3	1
RESISTOR_SMT	Resistor, 9.09K, ThickFilm, 1%, 0603, 1/10W, Any	R?	0603	311405	5
HDR8PIN_1.5mm_DR_VERT	Header, 8 Pins, 1.5mm, Shrouded, AMP: 292207-8	Raspberry_Pi_3b	HDR8PIN_1.5mm_DR_8PIN_VERT	16901	1
Header 8	Header, 8-Pin	Red_DIN	HDR1X8	Header 8	1
SW-DPDT	Double-Pole, Double-Throw Switch	RUN/COMMUNICATION	DPDT-6	SW-DPDT	1
o-3A/c-4A	Single-Pole, Single-Throw Switch	S?	SPST-2	SW-SPST	1
SW-DPST	Double-Pole, Single-Throw Switch	S?	DPST-4	SW-DPST	1
Relay-SPST	Single-Pole Single-Throw Relay	SSR_CX240D5	MODULE4	Relay-SPST	1
HDR10PIN	Header, 10 Pins, 2.50mm, Vertical, Through hole, single row, Shrouded, JST: B10B-XASK-1-A	to_Console	HDR10PIN_JST_XA_2.5MM	342216	1
HDR12PIN100SLDR	Header, 12 Pins, 0.100in., Solder, Part of PCB, not a component	to_EQF1259_Boston2	12PIN-SLDR-HDR2	6330	1
Header 6	Header, 6-Pin	Yellow_DIN	HDR1X6	Header 6	1