

Bill of Materials

BOM For Project [ParallellaLCDBBoard.PrjPCB] (No PCB Document Selected)

Source Data From: ParallellaLCDBBoard.PrjPCB
 Project: ParallellaLCDBBoard.PrjPCB
 Revision: 2.1



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Value	Comment	Footprint	LibRef	Designator	Description	Quantity
100u	100u	KEMET_C	C_100u_KEMET_C	C1	Tantalum SMT Capacitor 100uF Case KEMET_C	1
100n	100n	0603	C_100n_0603	C2, C3, C4, C5, C7, C8, C9, C10	MLCC SMT Capacitor 100nF 0603	8
1u	1u	0603	C_1u_0603	C6, C11	MLCC SMT Capacitor 1uF 0603	2
KPT-1608EC	Red	LED0603	LED_R	D1, D2, D3, D4, D5, D6, D7, D8	LED Red 0603 case	8
KPT-1608SGC	Green	LED0603	LED_G	D9	LED Green 0603 case	1
TSR 1-2433	TSR 1-2433	TSR1	VREG	IC1	TRACOPOWER - TSR 1-2433 - CONVERTER, DC TO DC, 3.3V, 1A, SIP	1
SN74AVCB164245	SN74AVCB164245	TSSOP40P640X120-48N	SN74AVCB164245GR	IC2, IC3	SN74AVCB164245GR - IC, NON INVERTING TRANSCEIVER, TSSOP-48	2
SN74AUC1G04DCKR	SN74AUC1G04	SC70-5	SN74AUC1G04	IC4	LOGIC, INVERTER GATE, SC-70-5	1
87831-1420	Molex-87831-1420	87831-1420	Molex-87831-1420	J1	2x7 pinhead male	1
		HEADER_2X10_male 2.54mm	HEADER_2X10_male	J2	2x10 pinhead male	1
BTH-030-01-F-D-A	BTH-030-01-F-D-A	BTH-030-01-F-D-A	BTH-030-01-F-D-A	J3, J4		2
		HEADER_2X4_male 2mm	HEADER_2X4_male	J5, J6	2x4 pinhead male	2
	HEADER_1X4_male	HEADER_1X4_male 2.54mm	HEADER_1X4_male	J7, J8, J9, J10, J11	1x4 pinhead male	5
XF2M-4015-1A	XF2M-4015-1A	XF2M-4015-1A	XF2M-4015-1A	J12	RECEPTACLE, FPC, ZIF, SMT, 0.5MM, 40WAY	1
		HEADER_2X5_male 2.54mm	HEADER_2X5_male	J13	2x5 pinhead male	1
2k2	2k2	0603	R_2k2_0603	R1, R2	SMT Resistor 2k2 0603	2
10k	10k	0603	R_10k_0603	R3, R4, R8, R18, R20	SMT Resistor 10k 0603	5
0R	DNP	0603	R_0R_0603	R5, R7, R17	SMT Resistor 0R 0603	3
0R	0R	0603	R_0R_0603	R6	SMT Resistor 0R 0603	1
220R	220R	0603	R_220R_0603	R9, R10, R11, R12, R13, R14, R15, R16, R19	SMT Resistor 220R 0603	9
22R	22R	EXB2HV	Rnet22R	RN1, RN2, RN3, RN4, RN5, RN6	Resistor network 8x0402	6
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Approved	Notes