

Parts List for Empeg MK2 and MK2A Display Extender

Transmitter and Receiver Parts

Ref	Name	Type	Outline	Supplier Part Number	Supplier	Price	Min. Qty
IC32	MAX3490E	MAX3490E	SO8	MAX3490ECSA+-ND	Digikey	\$4.32	1
IC33	MAX3490E	MAX3490E	SO8	MAX3490ECSA+-ND	Digikey	\$4.32	1
IC34	MAX3237	MAX3237	SSOP28	MAX3237CAI+-ND	Digikey	\$7.53	1
IC35	MAX3241E	MAX3241E	SSOP28	MAX3241ECAI+-ND	Digikey	\$8.75	1
IC36	MAX3490E	MAX3490E	SO8	MAX3490ECSA+-ND	Digikey	\$4.32	1
IC37	MAX3490E	MAX3490E	SO8	MAX3490ECSA+-ND	Digikey	\$5.32	1
IC38	7805FL	7805FL	TO220FL	NJM#7805FA-ND	Digikey	\$0.60	1
IC39	LM1117	LM1117MP33	SOT223	LM1117IMP-3.3CT-ND	Digikey	\$1.31	1
D15	1N5401	1N5400	SMC	S3D-FDICT-ND	Digikey	\$0.70	1
D16	1N5401	1N5400	SMC	S3D-FDICT-ND	Digikey	\$0.70	1
R49	R0805	120R	805	311-120CRCT-ND	Digikey	\$0.08	10
R50	R0805	120R	805	311-120CRCT-ND	Digikey	\$0.08	10
R51	R0805	0R	805	311-0.0ARCT-ND	Digikey	\$0.08	10
R52	R0805	0R	805	311-0.0ARCT-ND	Digikey	\$0.08	10
R53	R0805	120R	805	311-120CRCT-ND	Digikey	\$0.08	10
R54	R0805	120R	805	311-120CRCT-ND	Digikey	\$0.08	10
C102	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C103	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C104	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C105	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C106	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C107	8WFILTER	4420P-T06-250/201L	SO20	39K2581	Newark	\$8.55	1
C108	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C109	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C110	PTHELECD	22uF/25V	PTHELECD	PCE3404CT-ND	Digikey	\$0.29	5
C111	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C112	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C113	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C114	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C115	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C116	8WFILTER	4420P-T06-250/201L	SO20	39K2581	Newark	\$8.55	1
C117	PTHELECD	22uF/25V	PTHELECD	PCE3404CT-ND	Digikey	\$0.29	5
C118	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C119	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C120	PTHELECD	22uF/25V	PTHELECD	PCE3404CT-ND	Digikey	\$0.29	5
C121	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C122	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C123	PTHELECD	22uF/25V	PTHELECD	PCE3404CT-ND	Digikey	\$0.29	5
C124	PTHELECD	22uF/25V	PTHELECD	PCE3404CT-ND	Digikey	\$0.29	5
C125	PTHELECD	22uF/25V	PTHELECD	PCE3404CT-ND	Digikey	\$0.29	5
C126	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C127	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
C128	CAPA4	100nF	805	399-1171-1-ND	Digikey	\$0.12	10
L6	INDUCT2	BMBB0056BN3	805	80-BK2125LL560TK	Mouser	\$0.15	1
L8	INDUCT2	BMBB0056BN3	805	80-BK2125LL560TK	Mouser	\$0.15	1
L9	INDUCT2	BMBB0056BN3	805	80-BK2125LL560TK	Mouser	\$0.15	1
L10	INDUCT2	BMBB0056BN3	805	80-BK2125LL560TK	Mouser	\$0.15	1
L11	INDUCT2	BMBB0056BN3	805	80-BK2125LL560TK	Mouser	\$0.15	1
L12	INDUCT2	BMBB0056BN3	805	80-BK2125LL560TK	Mouser	\$0.15	1
L13	INDUCT2	BMBB0056BN3	805	80-BK2125LL560TK	Mouser	\$0.15	1
L14	INDUCT2	BMBB0056BN3	805	80-BK2125LL560TK	Mouser	\$0.15	1
PL3	IDC20V2M	IDC20V2M	IDC20V2M	WM18841-ND	Digikey	\$2.02	1
PL14	IDC20V2M	IDC20V2M	IDC20V2M	WM18841-ND	Digikey	\$2.02	1
PL15	MOLEX2	AUXPWRIN	MOLEX2	WM2711-ND	Digikey	\$1.16	1
PL16	LINK3PIN	AUXPWR5	SIL3M	S5800-03-ND	Digikey	\$0.41	1
PL17	LINK3PIN	AUXPWR3	SIL3M	S5800-03-ND	Digikey	\$0.41	1
F5	POLYFS-A	1A	POLYSMDA	SMD100CT-ND	Digikey	\$0.82	1
F6	POLYFS-A	1A	POLYSMDA	SMD100CT-ND	Digikey	\$0.82	1
SK2	D25SKTPC	TXPORT	D25SKTPC	571-5745967-8	Mouser	\$7.26	1
SK3	D25SKTPC	RXPOR1	D25SKTPC	571-5747299-8	Mouser	\$7.26	1
SK4	D25SKTPC	RXPOR2	D25SKTPC	571-5747846-4	Mouser	\$3.10	1
		RX Board*		ETR-DRX	Eutronix	\$25.74	10
		TX Board*		ETR-DTX	Eutronix	\$25.74	10
						<b>Total for Extender Parts</b>	<b>\$137.43</b>

Accessories for Above Boards

Type	Outline	Supplier Part Number	Supplier	Price	Min. Qty
Ribbon IDC Plug Connector 25 Pin		571-1658613-2	Mouser	\$7.16	1
Ribbon IDC Plug Connector 25 Pin		571-1658613-2	Mouser	\$7.16	1
Cable Scewlock		538-D20419-16	Mouser	\$1.05	1
Cable Scewlock		538-D20419-16	Mouser	\$1.05	1
MK2 and MK2A Display Cable		DSP-CBL	Eutronix	\$14.99	1
100 Foot Spool IDC Ribbon .05"		517-3365/25	Mouser	\$58.07	1
2MM Jumper Block		609-2637-ND	Digikey	\$0.43	1
2MM Jumper Block		609-2637-ND	Digikey	\$0.43	1
M3 SS Lock Washer		92148A150	McMaster	\$0.01	100
M3 SS Lock Washer		92148A150	McMaster	\$0.01	100
M3 SS Lock Washer		92148A150	McMaster	\$0.01	100
M3 SS Lock Washer		92148A150	McMaster	\$0.01	100
Philips Machine SS M3x6mm Panhead Screw		92000A116	McMaster	\$0.07	100
Philips Machine SS M3x6mm Panhead Screw		92000A116	McMaster	\$0.07	100
Philips Machine SS M3x6mm Panhead Screw		92000A116	McMaster	\$0.07	100
Philips Machine SS M3x6mm Panhead Screw		92000A116	McMaster	\$0.07	100
M3 SS Machine Nut		90710A030	McMaster	\$0.05	100
M3 SS Machine Nut		90710A030	McMaster	\$0.05	100
M3 SS Machine Nut		90710A030	McMaster	\$0.05	100
M3 SS Machine Nut		90710A030	McMaster	\$0.05	100
SS M3 Washer		93475A210	McMaster	\$0.01	100
SS M3 Washer		93475A210	McMaster	\$0.01	100
SS M3 Washer		93475A210	McMaster	\$0.01	100
SS M3 Washer		93475A210	McMaster	\$0.01	100
				<b>Total for Accessories</b>	<b>\$90.34</b>

\*Estimate Only