## Parts List for Empeg MK2 and MK2A Display Extender

### Transmitter and Receiver Parts

| Ref | Name | Type | Outline | Supplier Part Number | Supplier |
|---|---|---|---|---|---|
| C102 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C103 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C104 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C105 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C106 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C108 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C109 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C110 | PTHELECD | 22uF/25V | PTHELECD | PCE3404CT-ND | Digikey |
| C111 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C112 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C113 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C114 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C115 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C117 | PTHELECD | 22uF/25V | PTHELECD | PCE3404CT-ND | Digikey |
| C118 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C119 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C120 | PTHELECD | 22uF/25V | PTHELECD | PCE3404CT-ND | Digikey |
| C121 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C122 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C123 | PTHELECD | 22uF/25V | PTHELECD | PCE3404CT-ND | Digikey |
| C124 | PTHELECD | 22uF/25V | PTHELECD | PCE3404CT-ND | Digikey |
| C125 | PTHELECD | 22uF/25V | PTHELECD | PCE3404CT-ND | Digikey |
| C126 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C127 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| C128 | CAPA4 | 100nF | 805 | 399-1171-1-ND | Digikey |
| D15 | 1N5401 | 1N5400 | SMC | S3D-FDICT-ND | Digikey |
| D16 | 1N5401 | 1N5400 | SMC | S3D-FDICT-ND | Digikey |
| F5 | POLYFS-A | 1A | POLYSMDA | SMD100FCT-ND | Digikey |
| F6 | POLYFS-A | 1A | POLYSMDA | SMD100FCT-ND | Digikey |
| IC32 | MAX3490E | MAX3490E | SO8 | MAX3490ECSA+-ND | Digikey |
| IC33 | MAX3490E | MAX3490E | SO8 | MAX3490ECSA+-ND | Digikey |
| IC34 | MAX3237 | MAX3237E | SSOP28 | MAX3237EAI+-ND | Digikey |
| IC35 | MAX3241E | MAX3241E | SSOP28 | MAX3241ECAI+-ND | Digikey |
| IC36 | MAX3490E | MAX3490E | SO8 | MAX3490ECSA+-ND | Digikey |
| IC37 | MAX3490E | MAX3490E | SO8 | MAX3490ECSA+-ND | Digikey |
| IC38 | 7805FL | 7805FL | TO220FL | 296-13996-5-ND | Digikey |
| IC39 | LM1117 | LM1117MP33 | SOT223 | LM1117IMP-3.3CT-ND | Digikey |
| PL14 | IDC20V2M | IDC20V2M | IDC20V2M | WM18841-ND | Digikey |
| PL15 | MOLEX2 | AUXPWRIN | MOLEX2 | WM2711-ND | Digikey |
| PL16 | LINK3PIN | AUXPWR5 | SIL3M | S5800-03-ND | Digikey |
| PL17 | LINK3PIN | AUXPWR3 | SIL3M | S5800-03-ND | Digikey |
| R49 | R0805 | 120R | 805 | 311-120CRCT-ND | Digikey |
| R50 | R0805 | 120R | 805 | 311-120CRCT-ND | Digikey |
| R51 | R0805 | 0R | 805 | 311-0.0ARCT-ND | Digikey |
| R53 | R0805 | 120R | 805 | 311-120CRCT-ND | Digikey |
| R54 | R0805 | 120R | 805 | 311-120CRCT-ND | Digikey |
| L10 | INDUCT2 | BMBB0056BN3 | 805 | 80-BK2125LL560TK | Mouser |
| L11 | INDUCT2 | BMBB0056BN3 | 805 | 80-BK2125LL560TK | Mouser |
| L12 | INDUCT2 | BMBB0056BN3 | 805 | 80-BK2125LL560TK | Mouser |
| L13 | INDUCT2 | BMBB0056BN3 | 805 | 80-BK2125LL560TK | Mouser |
| L14 | INDUCT2 | BMBB0056BN3 | 805 | 80-BK2125LL560TK | Mouser |
| L6 | INDUCT2 | BMBB0056BN3 | 805 | 80-BK2125LL560TK | Mouser |
| L8 | INDUCT2 | BMBB0056BN3 | 805 | 80-BK2125LL560TK | Mouser |
| L9 | INDUCT2 | BMBB0056BN3 | 805 | 80-BK2125LL560TK | Mouser |
| SK2 | D25SKTPC | TXPORT | D25SKTPC | 571-5745967-8 | Mouser |
| SK3 | D25SKTPC | RXPORT1 | D25SKTPC | 571-5745967-8 | Mouser |
| SK4 | D25SKT90 | RXPORT2 | D25SKT90 | 571-5747846-4 | Mouser |
| C107 | 8WFILTER | 4420P-T06-250/201L | SO20 | 39K2581 | Newark/Farnell |
| C116 | 8WFILTER | 4420P-T06-250/201L | SO20 | 39K2581 | Newark/Farnell |
| PL3 | IDC20V2M | IDC20V2M | Display Cable | DSP-CBL | Eutronix |
| | | RX Board | | ETR-DRX | Eutronix |
| | | TX Board | | ETR-DTX | Eutronix |

### Accessories for Above Boards

| Type | Outline | Supplier Part Number | Supplier |
|---|---|---|---|
| Ribbon IDC Plug Connector 25 Pin | | 571-1658613-2 | Mouser |
| Ribbon IDC Plug Connector 25 Pin | | 571-1658613-2 | Mouser |
| Cable Scewlock | | 538-D20419-16 | Mouser |
| Cable Scewlock | | 538-D20419-16 | Mouser |
| Cable Scewlock | | 538-D20419-16 | Mouser |
| Cable Scewlock | | 538-D20419-16 | Mouser |
| Snap Rivet .118" x .260" | | 561-SR18260 | Mouser |
| 100 Foot Spool IDC Ribbon .05" | | 643938 | Jameco |
| Recepticle Screwlock | | 160-14FA-ND | Digikey |
| Recepticle Screwlock | | 160-14FA-ND | Digikey |
| Recepticle Screwlock | | 160-14FA-ND | Digikey |
| Recepticle Screwlock | | 160-14FA-ND | Digikey |
| Recepticle Screwlock | | 160-14FA-ND | Digikey |
| Recepticle Screwlock | | 160-14FA-ND | Digikey |
| 2MM Jumper Block | | 609-2637-ND | Digikey |
| 2MM Jumper Block | | 609-2637-ND | Digikey |
| 10mm Female - Female Standoff | | 24393K-ND | Digikey |
| 10mm Female - Female Standoff | | 24393K-ND | Digikey |
| 10mm Female - Female Standoff | | 24393K-ND | Digikey |
| 10mm Female - Female Standoff | | 24393K-ND | Digikey |
| M3 SS Lock Washer | | 92148A150 | McMaster |
| M3 SS Lock Washer | | 92148A150 | McMaster |
| M3 SS Lock Washer | | 92148A150 | McMaster |
| M3 SS Lock Washer | | 92148A150 | McMaster |
| M3 SS Lock Washer | | 92148A150 | McMaster |
| M3 SS Lock Washer | | 92148A150 | McMaster |
| M3 SS Lock Washer | | 92148A150 | McMaster |
| M3 SS Lock Washer | | 92148A150 | McMaster |
| Philips Machine SS M3x6mm Panhead Screw | | 92000A116 | McMaster |
| Philips Machine SS M3x6mm Panhead Screw | | 92000A116 | McMaster |
| Philips Machine SS M3x6mm Panhead Screw | | 92000A116 | McMaster |
| Philips Machine SS M3x6mm Panhead Screw | | 92000A116 | McMaster |
| SS M3 Washer | | 93475A210 | McMaster |
| SS M3 Washer | | 93475A210 | McMaster |
| SS M3 Washer | | 93475A210 | McMaster |
| SS M3 Washer | | 93475A210 | McMaster |
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