## Bill of Materials

### PAC1934 4 Ch DC Power Monitor Eval Board

<table>
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<tr>
<th>Quantity</th>
<th>Designator</th>
<th>Description_</th>
<th>Manufacturer 1</th>
<th>Manufacturer Part Number</th>
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<td>Fairchild Semiconductor</td>
<td>FXMA2102L8X</td>
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### Microchip Parts listed below

| 1 | U1 | MCHP ANALOG POWER CURRENT SENSE MONITOR PAC1934-I/J6CX WLCSP-16 | Microchip Technology | PAC1934-I/J6CX | Microchip | PAC1934-I/J6CX |
| 1 | U2 | MCHP INTERFACE USB I2C UART MCP2221A-I/ST TSSOP-14 | Microchip Technology | MCP2221A-I/ST | Microchip Technology | MCP2221A-I/ST |
| 1 | U4 | MCHP ANALOG OPAMP 2-Ch 1.2MHz MCP6072-E/SN SOIC-8 | Microchip Technology | MCP6072-E/SN | Digi-Key | MCP6072-E/SN-ND |

### Mechanical Parts to be added in the package

| 1 | CBL1 | MECH HW CABLE USB Male-A to Male Micro-B Clear 4' | DongGuan ZhanXin | A0062X027 | DongGuan ZhanXin | A0062X027 |
| 4 | PAD1, PAD2, PAD3, PAD4 | MECH HW RUBBER PAD CYLINDRICAL D7.9 H5.3 BLACK | 3M | SJ61A11 | Digi-Key | SJ5747-0-ND |

### Do Not Populate Parts listed below

| 0 | C1, C2, C3, C4, C5, C6, C7, C8 | CAP CER 10000pF 50V 20% X7R SMD 0603 | AVX Corporation | 0603C1003KA12A | Digi-Key | 478-1227-1-ND |
| 0 | R21 | RES TKF 10k 1% 1/10W SMD 0603 | Panasonic | ERJ-3EKF1002V | Digi-Key | P10.0KHC-T-ND |
| 0 | TP10 | MISC, TEST POINT MULTI PURPOSE MINI RED | Keystone | 5000 | Digi-Key | 36-5000-ND |
| 0 | TP11 | MISC, TEST POINT MULTI PURPOSE MINI BLACK | Keystone | 5001 | Digi-Key | 36-5001-ND |
| 0 | TP12 | MISC, TEST POINT MULTI PURPOSE MINI WHITE | Keystone | 5002 | Digi-Key | 36-5002-ND |