

| Kit | qty | Description | Notes | Manufacturer | Part | Digikey | Reference |
|---|-----|---|--|-----------------|----------------|-------------|---|
| 1 1x16 right angle 0.1" male header pins | 1 | Use any common 0.1" header pins | expansion header (16 as of SD V2) | | | | |
| 2 2x8 Dual Row right angle 0.1" male header pins | 1 | Use any common dual row right angle 0.1" header pins | matrix data | | | | |
| 3 1x14 short single row 0.1" male Header pins | 2 | Use any common 0.1" header pins | teensy (permanent solder) | | | | http://www.4uconnector.com/online/object/4udrawing/17168.pdf |
| 4 1x5 short single row 0.1" male Header pins | 1 | Use any common 0.1" header pins | teensy end (permanent solder) | | | | http://www.4uconnector.com/online/object/4udrawing/17168.pdf |
| 5 1x5 right angle 0.1" male header pins | 1 | Use any common low profile 0.1" right-angle header pins | ADC and power | | | | |
| 6 2x3 dual row right angle 0.1" male header pins | 1 | Use any common dual row right angle 0.1" header pins | ADC dual row | | | | |
| 7 1x24 single row 0.1" male header pins | 1 | Use any common 0.1" header pins | straight expansion pins (16+2x3+2) | | | | |
| 8 Power Jack 2.0mm low profile TH minimum 4.0A | 1 | | | CUI | PJ-051AH | CP-051AH-ND | http://www.cui.com/product/resource/digikeypdf/pj-051ah.pdf |
| 9 4-pin 0.156" right-angle header | 1 | | | TE Connectivity | 647676-4 | A114290-ND | |
| 10 5.0mm 2-pin Terminal Block | 1 | | | TE Connectivity | 282836-2 | A98076-ND | |
| 11 throughhole resistor 4k7 carbon film 5% 1/4W axial | 3 | Use any common 4.7k resistor | I2C and OE pullup | | | | |
| 12 1N4001 Throughhole Diode (DO41) | 1 | Use any common 1N4001 diode | | | | | |
| 13 Female 2x10 receptacle 0.1" Vertical | 1 | | | Sullins | PPPC102LFBN-RC | S6106-ND | |
| 14 2x8 dual row straight 0.1" male header pins | 1 | Can substitute any common doublerow 0.1" header pins | Use any common dual row right angle 0.1" header pins | | | | http://www.4uconnector.com/online/object/4udrawing/00989.pdf |
| 15 M3 5mm motherboard screw | 2 | Common screws for computer optical drive mounting | mounting or power cable screws | | | | |
| PCBA | | | | | | | |
| 1 Micro SD Card Reader | | | | Hirose | DM3D-SF | HR1941CT-ND | |