

| Component | Description | Part | References | Value | Footprint | Quantity Per | Datasheet | Device Part Number | Manufacturer Part Number | Mouser Price/Stock | Mouser Part # | Manufacturer | Arrow Part # | Height | Arrow Price/Stock |
|-----------|--|------------------|--|---------------------------------------|-----------------------------|--------------|---|------------------------|--------------------------|--------------------|---------------|--------------|--------------|--------|-------------------|
| 1 | Unpopulated capacitor, small symbol | C Small | C14 C20 | 270 | C 0402 1000M0R01C | 2 | | 399-3516-2-ND | MANUFACTURER270USGACTU | | | | | | |
| 2 | Unpopulated capacitor, small symbol | C Small | C22 C23 | 1000P | C 0402 1000M0R01C | 2 | | 490-4732-2-ND | CCAL585T1H100V0370 | | | | | | |
| 3 | Unpopulated capacitor, small symbol | C Small | C1 C2 C7 C8 C9 C10 C11 C12 C13 C15 C17 C18 | 0.1u | C 0402 1000M0R01C | 12 | | 490-6328-2-ND | GRM1555R7C104K48B1 | | | | | | |
| 4 | Unpopulated capacitor, small symbol | C Small | | 1u | C 0603 1000M0R01C | 1 | | 387-5241-2-ND | CLM1070V100V04T | | | | | | |
| 5 | Unpopulated capacitor, small symbol | C Small | C13 C24 C16 C14 | 4.7u | C 0603 1000M0R01C | 1 | | 579-5144-2-ND | CLM1070P750V00NC | | | | | | |
| 6 | Unpopulated capacitor, small symbol | C Small | C13 C24 C25 C26 C27 | 10u | C 0805 2012M0R01C | 5 | | 490-5523-2-ND | GRM218R61H100K47B1 | | | | | | |
| 7 | Unpopulated capacitor, small symbol | C Small | | 100u | C 1210 3225M0R01C | 1 | | 579-3393-2-ND | CL310070V000V00NC | | | | | | |
| 8 | Schottky diode | D Schottky | D8 | RAT804 | D 0303 1000M0R01C | 1 | | 497-1523-2-ND | RAT804 | | | | | | |
| 9 | Schottky diode | D Schottky | D2 D10 | ESD24P2S-1U1M | D 0603 1000M0R01C | 2 | | 497-1693-2-ND | ESD24P2S-1U1M | | | | | | |
| 10 | Light emitting diode | LED | LED8 | UREN | LED 0603 1000M0R01C | 1 | | 360-1446-2-ND | 11TC-1191KAT | | | | | | |
| 11 | Light emitting diode | LED | LED7 | RED | LED 0603 1000M0R01C | 2 | | 360-1447-2-ND | 11TC-1191KAT | | | | | | |
| 12 | Schottky diode | D Schottky | J1 D8 D9 | S514 | D 504 | 1 | | 501474-ND | S514 | | | | | | |
| 13 | Generic connector, single row, 0.010", solid, generic | Conn. 01003 | Conn. 01003 | Breaker, 1x01 P2 5mm, Vertical | 1 | | 501011C-40-ND | | PHPCON01003AN-RC | | | | | | |
| 14 | Generic connector, double row, 0.010", solid, even pins | Conn. 02013 | Conn. 02013 | Pushheader, 2x13 P2 5mm, Vertical | 1 | | 520311C-40-ND | | PHPCON02013AN-RC | | | | | | |
| 15 | Generic connector, double row, 0.010", solid, odd pins | Conn. 02013 | Conn. 02013 | Pushheader, 2x13 P2 5mm, Vertical | 1 | | 520311C-40-ND | | PHPCON02013AN-RC | | | | | | |
| 16 | Micro SD Card Socket | Micro SD Card | J1 | Micro SD Card | microSD, HC, M-M0511-08B1 | 1 | http://datasheet.micronix.com/108011 | 108011-778 | | | | | | | |
| 17 | USB 2.0 mini Type-C Receptacle connector | USB C Receptacle | USB2 D | USB C Receptacle USB2 D | USB C Receptacle DCT 104805 | 1 | https://www.mouser.com/ProductDetail/USB-C-Receptacle-DCT-104805 | USB40805-GF-4YR-ND | | | | | | | |
| 18 | Inductor, small symbol | L Small | L1 L2 | 1.0uH 100mH | L 0603 1000M0R01C | 2 | | 712-4670-2-ND | 742-793892 | | | | | | |
| 19 | 20V VDR, 0.27A 16, N-channel MOSFET, 60V, 75W | BS118 | BS118 | | | | | | | | | | | | |
| 20 | 75V 2A, 20V VDR, Low Voltage MOSFET, 60V, 75W | BS118 | BS118 | | | | | | | | | | | | |
| 21 | Resistor, US symbol | R US | R14 R13 R25 R31 | 0.0 | R 0402 1000M0R01C | 4 | http://www.mouser.com/ProductDetail/0402-1000M0R01C | 0402-1000M0R01C | | | | | | | |
| 22 | Resistor, US symbol | R 0P | R22 R29 R30 | 0 | R 0603 1000M0R01C | 3 | | 311-1-0007R-ND | RC0603R-020R | | | | | | |
| 23 | Resistor, US symbol | R US | R14 R13 R12 | 1 | R 0402 1000M0R01C | 3 | | 311-1-0017R-ND | RC0402R-0718R | | | | | | |
| 24 | Resistor, US symbol | R US | R15 R16 R26 R27 | 68.0 | R 0402 1000M0R01C | 4 | | RMCF04020716MRCT-ND | RMCF04020716MR | | | | | | |
| 25 | Resistor, US symbol | R US | RS | 68.0 | R 0402 1000M0R01C | 1 | | 311-1-0017R-ND | RC0402R-0718R | | | | | | |
| 26 | Resistor, US symbol | R US | RS | 0 | R 0402 1000M0R01C | 1 | | 311-1-0017R-ND | RC0402R-0718R | | | | | | |
| 27 | Resistor, US symbol | R US | RS | 0 | R 0402 1000M0R01C | 1 | | 311-1-0017R-ND | RC0402R-0718R | | | | | | |
| 28 | Resistor, US symbol | R US | RS | 0 | R 0402 1000M0R01C | 1 | | 311-1-0017R-ND | RC0402R-0718R | | | | | | |
| 29 | Resistor, US symbol | R US | RS | 0 | R 0402 1000M0R01C | 1 | | 311-1-0017R-ND | RC0402R-0718R | | | | | | |
| 30 | Resistor, US symbol | R US | R13 R14 R33 | 100k | R 0402 1000M0R01C | 2 | | RMCF0402100KCT-ND | RMCF0402100K | | | | | | |
| 31 | Push button switch, generic, two pins | SW Push | R007 | SW Tactile SPST Angled P1364V0B1-2UFS | 1 | | C009312-ND | | PT564V0B1-2 UFS | | | | | | |
| 32 | Push button switch, generic, two pins | SW Push | R007 | SW Tactile SPST Angled P1364V0B1-2UFS | 1 | | C009312-ND | | PT564V0B1-2 UFS | | | | | | |
| 33 | 3.3V Low Dropout Regulator, precision, 3.3V fixed output | LP73613-3.3V | LP73613-3.3V | | | | https://www.mouser.com/ProductDetail/LP73613-3.3V | LP73613-3.3V 1.000T-ND | | | | | | | |
| 34 | Common Mode Filter 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 35 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 36 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 37 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 38 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 39 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 40 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 41 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 42 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 43 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 44 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 45 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 46 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 47 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 48 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 49 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 50 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 51 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 52 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 53 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 54 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 55 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 56 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 57 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 58 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 59 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 60 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 61 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 62 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 63 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 64 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 65 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 66 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 67 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 68 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 69 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 70 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 71 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 72 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 73 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 74 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 75 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 76 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 77 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 78 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 79 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www.mouser.com/ProductDetail/CMF020-2AMM | CMF020-2AMM | | | | | | | |
| 80 | 1.5kV 20uV 100Hz 50mA | CMF020-2AMM | CMF020-2AMM | | | | https://www | | | | | | | | |