Bus Pirate parts list

<https://www.docs.scintilla.utwente.nl/shock/>

|  |  |
| --- | --- |
| **Part** | **Value** |
| C1-C6, C9, C10 | [0.1uF](http://www.mouser.com/Search/ProductDetail.aspx?R=C0603C104K5RACTUvirtualkey64600000virtualkey80-C0603C104K5R) |
| C7, C8 | [27pF](http://www.mouser.com/Search/ProductDetail.aspx?R=C1608C0G1H270JTvirtualkey52130000virtualkey810-C1608C0G1H270J) |
| C11-13 | [1uF](http://www.mouser.com/Search/ProductDetail.aspx?R=C0603C105Z8VACTUvirtualkey64600000virtualkey80-C0603C105Z8V) |
| C14, C15 | [10uF](http://www.mouser.com/Search/ProductDetail.aspx?R=293D106X0010A2TE3virtualkey61320000virtualkey74-293D106X0010A2TE3) |
| D1-D2 | [200mA Schottky diode](http://www.mouser.com/Search/ProductDetail.aspx?R=BAT54W-V-GS08virtualkey61370000virtualkey78-BAT54W-V) |
| IC1 | [PIC24FJ256GB106](http://www.mouser.com/ProductDetail/Microchip-Technology/PIC24FJ256GB106-I-PT/?qs=sGAEpiMZZMvu0Nwh4cA1wVroSIIE1gS9Ei7fjXl9qGw%3d) |
| IC2 | CD4066 |
| IC3 | 24xx64 I2C EEPROM |
| IO | 2X06 shourded pinheader |
| L1 | [700mA+ ferrite bead](http://www.mouser.com/Search/ProductDetail.aspx?R=BLM21PG331SN1Dvirtualkey64800000virtualkey81-BLM21P331SG) |
| LED1-4 | [LED, 0805](http://www.mouser.com/Search/ProductDetail.aspx?R=598-8110-107Fvirtualkey64500000virtualkey645-598-8110-107F) |
| NORMAL, RESET | 5.4mm SMD tact button |
| Q1, Q2 | PNP, 30hfe+, 800mA+ |
| R1 – R6 | [1K](http://www.mouser.com/Search/ProductDetail.aspx?R=CR0603-JW-102GLFvirtualkey65210000virtualkey652-CR0603-JW-102GLF) |
| R7-10 | [2K](http://www.mouser.com/Search/ProductDetail.aspx?R=CRCW06032K00FKEAvirtualkey61300000virtualkey71-CRCW0603-2.0K-E3) |
| R11-14 | [10K](http://www.mouser.com/Search/ProductDetail.aspx?R=CR0603-JW-103GLFvirtualkey65210000virtualkey652-CR0603-JW-103GLF) |
| R15 | [100K](http://www.mouser.com/ProductDetail/Bourns/CR0603-JW-104GLF/?qs=sGAEpiMZZMuAysUaQfn78RFx5x6z%2fWVx) |
| RN1-3 | [10K resistor network, 4R, convex](http://www.mouser.com/ProductDetail/KOA-Speer/CN1J4KTTD103J/?qs=sGAEpiMZZMvrmc6UYKmaNX2LfocHtSe6r4Vuy0R5HWY%3d) |
| USB | [USB mini-b](http://www.mouser.com/ProductDetail/Kobiconn/154-15320-E/?qs=sGAEpiMZZMulM8LPOQ%252byk3k%252boUcIOtDGqhlvRQ0pMJw%3d) |
| VR1 VR2 | [MCP1801T-3302I/OT](http://ph.mouser.com/ProductDetail/Microchip-Technology/MCP1801T-3302I-OT/?qs=sGAEpiMZZMsGz1a6aV8DcHtY22241HYI1mpZn%252bw2X9k%3d) |
| VR3 | [MCP1801T-5002I/OT](http://ph.mouser.com/ProductDetail/Microchip-Technology/MCP1801T-5002I-OT/?qs=sGAEpiMZZMsGz1a6aV8DcHtY22241HYIcWocDNLeLa8%3d) |
| X1 | [12MHz Seeed SMD crystal](http://www.mouser.com/ProductDetail/ABRACON/ABM7-12000MHZ-D2Y-T/?qs=sGAEpiMZZMsBj6bBr9Q9aSprw5Phe4pQZVNEG%2fUaW64%3d) |

Bus Pirate parts list

<https://www.docs.scintilla.utwente.nl/shock/>

|  |  |
| --- | --- |
| **Part** | **Value** |
| C1-C6, C9, C10 | [0.1uF](http://www.mouser.com/Search/ProductDetail.aspx?R=C0603C104K5RACTUvirtualkey64600000virtualkey80-C0603C104K5R) |
| C7, C8 | [27pF](http://www.mouser.com/Search/ProductDetail.aspx?R=C1608C0G1H270JTvirtualkey52130000virtualkey810-C1608C0G1H270J) |
| C11-13 | [1uF](http://www.mouser.com/Search/ProductDetail.aspx?R=C0603C105Z8VACTUvirtualkey64600000virtualkey80-C0603C105Z8V) |
| C14, C15 | [10uF](http://www.mouser.com/Search/ProductDetail.aspx?R=293D106X0010A2TE3virtualkey61320000virtualkey74-293D106X0010A2TE3) |
| D1-D2 | [200mA Schottky diode](http://www.mouser.com/Search/ProductDetail.aspx?R=BAT54W-V-GS08virtualkey61370000virtualkey78-BAT54W-V) |
| IC1 | [PIC24FJ256GB106](http://www.mouser.com/ProductDetail/Microchip-Technology/PIC24FJ256GB106-I-PT/?qs=sGAEpiMZZMvu0Nwh4cA1wVroSIIE1gS9Ei7fjXl9qGw%3d) |
| IC2 | CD4066 |
| IC3 | 24xx64 I2C EEPROM |
| IO | 2X06 shourded pinheader |
| L1 | [700mA+ ferrite bead](http://www.mouser.com/Search/ProductDetail.aspx?R=BLM21PG331SN1Dvirtualkey64800000virtualkey81-BLM21P331SG) |
| LED1-4 | [LED, 0805](http://www.mouser.com/Search/ProductDetail.aspx?R=598-8110-107Fvirtualkey64500000virtualkey645-598-8110-107F) |
| NORMAL, RESET | 5.4mm SMD tact button |
| Q1, Q2 | PNP, 30hfe+, 800mA+ |
| R1 – R6 | [1K](http://www.mouser.com/Search/ProductDetail.aspx?R=CR0603-JW-102GLFvirtualkey65210000virtualkey652-CR0603-JW-102GLF) |
| R7-10 | [2K](http://www.mouser.com/Search/ProductDetail.aspx?R=CRCW06032K00FKEAvirtualkey61300000virtualkey71-CRCW0603-2.0K-E3) |
| R11-14 | [10K](http://www.mouser.com/Search/ProductDetail.aspx?R=CR0603-JW-103GLFvirtualkey65210000virtualkey652-CR0603-JW-103GLF) |
| R15 | [100K](http://www.mouser.com/ProductDetail/Bourns/CR0603-JW-104GLF/?qs=sGAEpiMZZMuAysUaQfn78RFx5x6z%2fWVx) |
| RN1-3 | [10K resistor network, 4R, convex](http://www.mouser.com/ProductDetail/KOA-Speer/CN1J4KTTD103J/?qs=sGAEpiMZZMvrmc6UYKmaNX2LfocHtSe6r4Vuy0R5HWY%3d) |
| USB | [USB mini-b](http://www.mouser.com/ProductDetail/Kobiconn/154-15320-E/?qs=sGAEpiMZZMulM8LPOQ%252byk3k%252boUcIOtDGqhlvRQ0pMJw%3d) |
| VR1 VR2 | [MCP1801T-3302I/OT](http://ph.mouser.com/ProductDetail/Microchip-Technology/MCP1801T-3302I-OT/?qs=sGAEpiMZZMsGz1a6aV8DcHtY22241HYI1mpZn%252bw2X9k%3d) |
| VR3 | [MCP1801T-5002I/OT](http://ph.mouser.com/ProductDetail/Microchip-Technology/MCP1801T-5002I-OT/?qs=sGAEpiMZZMsGz1a6aV8DcHtY22241HYIcWocDNLeLa8%3d) |
| X1 | [12MHz Seeed SMD crystal](http://www.mouser.com/ProductDetail/ABRACON/ABM7-12000MHZ-D2Y-T/?qs=sGAEpiMZZMsBj6bBr9Q9aSprw5Phe4pQZVNEG%2fUaW64%3d) |

Bus Pirate parts list

<https://www.docs.scintilla.utwente.nl/shock/>

|  |  |
| --- | --- |
| **Part** | **Value** |
| C1-C6, C9, C10 | [0.1uF](http://www.mouser.com/Search/ProductDetail.aspx?R=C0603C104K5RACTUvirtualkey64600000virtualkey80-C0603C104K5R) |
| C7, C8 | [27pF](http://www.mouser.com/Search/ProductDetail.aspx?R=C1608C0G1H270JTvirtualkey52130000virtualkey810-C1608C0G1H270J) |
| C11-13 | [1uF](http://www.mouser.com/Search/ProductDetail.aspx?R=C0603C105Z8VACTUvirtualkey64600000virtualkey80-C0603C105Z8V) |
| C14, C15 | [10uF](http://www.mouser.com/Search/ProductDetail.aspx?R=293D106X0010A2TE3virtualkey61320000virtualkey74-293D106X0010A2TE3) |
| D1-D2 | [200mA Schottky diode](http://www.mouser.com/Search/ProductDetail.aspx?R=BAT54W-V-GS08virtualkey61370000virtualkey78-BAT54W-V) |
| IC1 | [PIC24FJ256GB106](http://www.mouser.com/ProductDetail/Microchip-Technology/PIC24FJ256GB106-I-PT/?qs=sGAEpiMZZMvu0Nwh4cA1wVroSIIE1gS9Ei7fjXl9qGw%3d) |
| IC2 | CD4066 |
| IC3 | 24xx64 I2C EEPROM |
| IO | 2X06 shourded pinheader |
| L1 | [700mA+ ferrite bead](http://www.mouser.com/Search/ProductDetail.aspx?R=BLM21PG331SN1Dvirtualkey64800000virtualkey81-BLM21P331SG) |
| LED1-4 | [LED, 0805](http://www.mouser.com/Search/ProductDetail.aspx?R=598-8110-107Fvirtualkey64500000virtualkey645-598-8110-107F) |
| NORMAL, RESET | 5.4mm SMD tact button |
| Q1, Q2 | PNP, 30hfe+, 800mA+ |
| R1 – R6 | [1K](http://www.mouser.com/Search/ProductDetail.aspx?R=CR0603-JW-102GLFvirtualkey65210000virtualkey652-CR0603-JW-102GLF) |
| R7-10 | [2K](http://www.mouser.com/Search/ProductDetail.aspx?R=CRCW06032K00FKEAvirtualkey61300000virtualkey71-CRCW0603-2.0K-E3) |
| R11-14 | [10K](http://www.mouser.com/Search/ProductDetail.aspx?R=CR0603-JW-103GLFvirtualkey65210000virtualkey652-CR0603-JW-103GLF) |
| R15 | [100K](http://www.mouser.com/ProductDetail/Bourns/CR0603-JW-104GLF/?qs=sGAEpiMZZMuAysUaQfn78RFx5x6z%2fWVx) |
| RN1-3 | [10K resistor network, 4R, convex](http://www.mouser.com/ProductDetail/KOA-Speer/CN1J4KTTD103J/?qs=sGAEpiMZZMvrmc6UYKmaNX2LfocHtSe6r4Vuy0R5HWY%3d) |
| USB | [USB mini-b](http://www.mouser.com/ProductDetail/Kobiconn/154-15320-E/?qs=sGAEpiMZZMulM8LPOQ%252byk3k%252boUcIOtDGqhlvRQ0pMJw%3d) |
| VR1 VR2 | [MCP1801T-3302I/OT](http://ph.mouser.com/ProductDetail/Microchip-Technology/MCP1801T-3302I-OT/?qs=sGAEpiMZZMsGz1a6aV8DcHtY22241HYI1mpZn%252bw2X9k%3d) |
| VR3 | [MCP1801T-5002I/OT](http://ph.mouser.com/ProductDetail/Microchip-Technology/MCP1801T-5002I-OT/?qs=sGAEpiMZZMsGz1a6aV8DcHtY22241HYIcWocDNLeLa8%3d) |
| X1 | [12MHz Seeed SMD crystal](http://www.mouser.com/ProductDetail/ABRACON/ABM7-12000MHZ-D2Y-T/?qs=sGAEpiMZZMsBj6bBr9Q9aSprw5Phe4pQZVNEG%2fUaW64%3d) |

Bus Pirate parts list

<https://www.docs.scintilla.utwente.nl/shock/>

|  |  |
| --- | --- |
| **Part** | **Value** |
| C1-C6, C9, C10 | [0.1uF](http://www.mouser.com/Search/ProductDetail.aspx?R=C0603C104K5RACTUvirtualkey64600000virtualkey80-C0603C104K5R) |
| C7, C8 | [27pF](http://www.mouser.com/Search/ProductDetail.aspx?R=C1608C0G1H270JTvirtualkey52130000virtualkey810-C1608C0G1H270J) |
| C11-13 | [1uF](http://www.mouser.com/Search/ProductDetail.aspx?R=C0603C105Z8VACTUvirtualkey64600000virtualkey80-C0603C105Z8V) |
| C14, C15 | [10uF](http://www.mouser.com/Search/ProductDetail.aspx?R=293D106X0010A2TE3virtualkey61320000virtualkey74-293D106X0010A2TE3) |
| D1-D2 | [200mA Schottky diode](http://www.mouser.com/Search/ProductDetail.aspx?R=BAT54W-V-GS08virtualkey61370000virtualkey78-BAT54W-V) |
| IC1 | [PIC24FJ256GB106](http://www.mouser.com/ProductDetail/Microchip-Technology/PIC24FJ256GB106-I-PT/?qs=sGAEpiMZZMvu0Nwh4cA1wVroSIIE1gS9Ei7fjXl9qGw%3d) |
| IC2 | CD4066 |
| IC3 | 24xx64 I2C EEPROM |
| IO | 2X06 shourded pinheader |
| L1 | [700mA+ ferrite bead](http://www.mouser.com/Search/ProductDetail.aspx?R=BLM21PG331SN1Dvirtualkey64800000virtualkey81-BLM21P331SG) |
| LED1-4 | [LED, 0805](http://www.mouser.com/Search/ProductDetail.aspx?R=598-8110-107Fvirtualkey64500000virtualkey645-598-8110-107F) |
| NORMAL, RESET | 5.4mm SMD tact button |
| Q1, Q2 | PNP, 30hfe+, 800mA+ |
| R1 – R6 | [1K](http://www.mouser.com/Search/ProductDetail.aspx?R=CR0603-JW-102GLFvirtualkey65210000virtualkey652-CR0603-JW-102GLF) |
| R7-10 | [2K](http://www.mouser.com/Search/ProductDetail.aspx?R=CRCW06032K00FKEAvirtualkey61300000virtualkey71-CRCW0603-2.0K-E3) |
| R11-14 | [10K](http://www.mouser.com/Search/ProductDetail.aspx?R=CR0603-JW-103GLFvirtualkey65210000virtualkey652-CR0603-JW-103GLF) |
| R15 | [100K](http://www.mouser.com/ProductDetail/Bourns/CR0603-JW-104GLF/?qs=sGAEpiMZZMuAysUaQfn78RFx5x6z%2fWVx) |
| RN1-3 | [10K resistor network, 4R, convex](http://www.mouser.com/ProductDetail/KOA-Speer/CN1J4KTTD103J/?qs=sGAEpiMZZMvrmc6UYKmaNX2LfocHtSe6r4Vuy0R5HWY%3d) |
| USB | [USB mini-b](http://www.mouser.com/ProductDetail/Kobiconn/154-15320-E/?qs=sGAEpiMZZMulM8LPOQ%252byk3k%252boUcIOtDGqhlvRQ0pMJw%3d) |
| VR1 VR2 | [MCP1801T-3302I/OT](http://ph.mouser.com/ProductDetail/Microchip-Technology/MCP1801T-3302I-OT/?qs=sGAEpiMZZMsGz1a6aV8DcHtY22241HYI1mpZn%252bw2X9k%3d) |
| VR3 | [MCP1801T-5002I/OT](http://ph.mouser.com/ProductDetail/Microchip-Technology/MCP1801T-5002I-OT/?qs=sGAEpiMZZMsGz1a6aV8DcHtY22241HYIcWocDNLeLa8%3d) |
| X1 | [12MHz Seeed SMD crystal](http://www.mouser.com/ProductDetail/ABRACON/ABM7-12000MHZ-D2Y-T/?qs=sGAEpiMZZMsBj6bBr9Q9aSprw5Phe4pQZVNEG%2fUaW64%3d) |