

Bill of Materials

Bill of Materials For Project [Arduino-Pro-Mini.Pr]Pcb] (No PCB Document Selected)

| Source Data From: | Arduino-Pro-Mini.PrjPcb |
|-------------------|-------------------------|
| Project: | Arduino-Pro-Mini.PrjPcb |
| Variant: | None |
| | |

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 2018-06-15
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| PROJECT Programme Progra | Footprint | Comment | LibRef | Designator | Description | Quantity |
|--|-------------------|----------------------|----------------------|-----------------|---|----------|
| EBA216 10.0F CAP_POL1006 013. CT9 Capacitor Polatized These are standard SAD and PTH regardition. Microsoft and extended supply to provide and extended sup | 0603-CAP | 0.1uF | CAP0603-CAP | C1, C2, C3, C10 | | 4 |
| It are with capacity, voltage, and manufactures. The Advances should be international manufactures. The Advances provided in the Advances of the Advanc | EIA3216 10uF | 10uF | CAP_POL1206 | C13, C19 | Capacitor PolarizedThese are standard SMD and PTH capacitors. Normally 10uF, 47uF, and 100uF in electrolytic and tantalum varieties. Always verify the external diameter of the through hole cap, | 2 |
| ALTI | | | | | it varies with capacity, voltage, and manufacturer. The EIA devices should be | |
| AL_PROGRAM PTH M02PTH | 0603-LED- ALT1 | Green | LED | D3 | LEDsStandard schematic elements and footprints for 5mm, 3mm, 1206, and 0603 sized LEDs. 5mm - Spark Fun Electronics | 1 |
| MOZPTH MOZPTH MOZPTH MOZPTH P2, JP3 Header 2Standard 2-pin 0.1* header. Use with straight break away headers (SKU : PRT-00116), girth angle break away per (PRT-00116), girth angle break away per (PRT-00177), and political connector foot prior tian with SKU : PRT-08233 with associated crimp prior and housings. PRT-08234 with associated crimp prior and housings. PRT-08234 with associated crimp prior and housings. PRT-08243 with associated prior prior prior and housings. PRT-08243 with associated prior pri | 1X06 | FTDI Basic | AL_PROGRAM | JP1 | | 1 |
| FIDUCIAL LIPID FIDUCIAL PID FIDUCIAL PID FIDUCIAL | 1X02 | мо2РТН | | JP2, JP3 | with straight break away headers (SKU: PRT-00116), right angle break away headers (PRT-00553), swiss pins (PRT- 00743), machine pins (PRT-00117), and female headers (PRT-00115). Molex polarized connector foot print use with SKU ! PRT-08233 with associated crimp pins | 2 |
| M12PTH | MICRO- | FIDUCIALUFIDU | FIDUCIALUFIDU | JP5, JP8 | Fiducial Alignment PointsVarious fiducial | 2 |
| LED Standard schematic elements and tootprints for 6003, 1206, and 6003 sized LEDs. 5mm - Spaik Fun Electronics SKU : COMO-00032 (and others) as been used in SFE production for years, and does work ckay -11 is an attempt to get larger filled to the states so it will be easier to inspect these solders in our ADI machine. The pads have been milmized to match the actual metal under the resonator. To see this relation it, includes an image import of the bottom side of the component. Imported to scale on layer 200. COO3-RES RESISTOR0603-RES RESISTOR0603-R | 1X12 | M12PTH | | JP6, JP7 | Header 12Standard 12-pin 0.1* header. Use with straight break away headers (SKU: PRT-00116), right angle break away headers (PRT-00553), swiss pins (PRT- 00743), machine pins (PRT-00117), and | 2 |
| R-SMD-1:1 1 the tity bitty 10/20MHz resonators with built in caps. CSTDE 10M05GS and CSTCE20M0/V3. Footpirt for SMD has been used in SFE production for years, and does work okay. 1:1 is an attempt to get larger filled to nit be sides to it will be easier to inspect these solders in our AOI machine. The pads have been initiated to match the actual metal under the resonator. To see this relation, it includes an image import of the bottom side of the component. Imported to scale on layer 200. 0803-RES RESISTOR0603- RESISTOR0603- RT, R3 RESISTOR0603- RESISTOR0603- RT, R3 R | | Red | LED | LED1 | LEDsStandard schematic elements and footprints for 5mm, 3mm, 1206, and 0603 sized LEDs. 5mm - Spark Fun Electronics | 1 |
| RES RES RES footprints for 0603, 1206, and PTH resistors. ResistorRosos ResistorRosos ResistorRosos ResistorRosos chematic elements and tootprints for 0603, 1206, and PTH resistors. ResistorRosos chematic elements and tootprints for 0603, 1206, and PTH resistors. ResistorRosos Res ResistorRosos Res ResistorRosos chematic elements and tootprints for 0603, 1206, and PTH resistors. Reset SWITCH ResistorRosos Res Reset SWITCH Resistor Resistor Res Reset SWITCH Resistor Resistor Res SWITCH Resistor Resistor Res Reset SWITCH Resistor Resistor Res SWITCH Resistor Resistor Resistor Resistor Resistor Res Reset SWITCH Resistor Re | | 8/16/20MHz | RESONATOR1: | a1 | the litty bitty 10/20MHz resonators with built in cape. CSTCE 10MG055 and CSTCE 20MW053. Footprint for SMD has been used in SFE production for years, and dose work okay. 1:1 is an attempt to get larger fillets on the sides so it will be easier to inspect these solders in our AOI machine. The pads have been minimized to match the actual metal under the resonator. To see this relation, it includes an image import of the bottom side of the component. Imported to scale on layer | 1 |
| RESISTORO803-RES 10K RESISTORO803-RES ResistorBasic schematic elements and floorpints for 0603, 1206, and PTH resistors. ResistorBasic schematic elements and floorpints for 0603, 1206, and PTH resistors. ResistorBasic schematic elements and floorpints for 0603, 1206, and PTH resistors. ResistorBasic schematic elements and floorpints for 0603, 1206, and PTH resistors. ResistorBasic schematic elements and floorpints for 0603, 1206, and PTH resistors. ResistorBasic schematic elements and floorpints for 0603, 1206, and PTH resistors. SWITCH-SMD-ALT01 SUITCH-SMD-ALT01 SOLDERJUMP ST Various NO switches- pushbuttons, reed, etc. SWITCH-SMD-ALT01 SOLDERJUMP SUITCH-SMD-ALT01 Solder Jumper: Used to automate production. Two serients: Normally Open and Normally Closed are the same, but have different paste layers. No will have a large amount of paste and should jumper during reflow. Voltage Regulator LDOStandard 150mA LDO voltage Regulator in SOT-23 layout. Microel part MiCs205. BP (by-pass) pin is used to lower output noise with 470pF cap. Spark Fun Electronics PCB LogoThis is the standard Spark Fun Electronics PCB logo. SHW-LOGOS US3 Open Source Hardware Logo This logo indicates the piece of hardware it is found on incorporates a OSHW license and/or alchers to the definition of pasterns and or shares to the definition of p | 0603-RES | RESISTOR0603- RES | RESISTOR0603- RES | R1, R3 | footprints for 0603, 1206, and PTH | 2 |
| RESISTORGEGO-RES RESISTORGEGO-RES ResistorBasic schematic elements and floopfinits for 6008, 1206, and PTH resistors. Vanous NO switches- pushbuttons, reed, etc. | 0603-RES | 10K | | R2, R11 | ResistorBasic schematic elements and footprints for 0603, 1206, and PTH | 2 |
| TACTILE SWITCH-SMD-ALT01 SUPERATOR SWITCH-SMD-AL | 0603-RES | 330 | | R6 | ResistorBasic schematic elements and footprints for 0603, 1206, and PTH | 1 |
| SJ_2S SOLDERJUMP SOLDERJUMP ERNC SITE SOLDERJUMP ERNC SITE SOLDERJUMP SITE SOLDERJUMP SOLDERJUMP ERNC SITE SOLDERJUMP SOL | SWITCH- | Reset | MOMENTARY- | S1 | Various NO switches- pushbuttons, reed, | 1 |
| SOT23-5 MIDS205 V.REG_LDOS MD VOltage Regulator LDOStandard 150mA LDO voltage regulator in SOT-23 layout. Microl part MICS205. BP (by-pass) pin is used to lower output noise with 470pF cap. SFE-LOGO- FLANE OSHW-LOGOS OSHW-LOGOS OSHW-LOGOS OSHW-LOGOS OSHW-LOGOS OSHW-LOGOS SFE-NEW LOGO- SFENEW DST- LOGO- LOGO- SFENEW Voltage Regulator LOGO- LOGO- LOGO- SFESK US1 Spark Fun Electronics PCB LogoThis is the standard Spark Fun Electronics PCB logo. Open Source Hardware Logo This logo indicates the piece of hardware is it sound on incorporates a OSHW license and/or adheres to the definition of open source hardware found here: http://lecondefined.org/OSHW Spark Fun Electronics PCB LogoThis is the standard Spark Fun Electronics PCB LogoThis is the standard Spark Fun Electronics PCB logoThis is the standard Spark Fun Electronics PCB logoThis is | | | SOLDERJUMP | SJI | jumper. Used to automate production. Two varients: Normally Open and Normally Closed are the same, but have different paste layers. NC will have a large amount | 1 |
| ### The Standard Spark Fun Electronics PCB logo. OSHW-LOGOS SFENEW #### The Standard Spark Fun Electronics PCB LogoThis is the standard Spark Fun Electronics PCB LogoThis is the standard Spark Fun Electronics PCB logo. | | | V_REG_LDOS | | LDO voltage regulator in SOT-23 layout. Micrel part MIC5205. BP (by-pass) pin is | 1 |
| OSHW-LOGOS OSHW-LOGOS OSHW-LOGOS U\$3 Open Source Hardware Logo This logo indicates the piece of hardware it is found on incorporates a OSHW license and/or adheres to the definition of open source hardware found here: http://lteedomdelined.org/OSHW SFE-NEW- WEBLOGO SFENEW U\$11 Spark Fun Electronics PCB LogoThis is the standard Spark Fun Electronics PCB logo. | | LOGO-SFESK | LOGO-SFESK | U\$1 | the standard Spark Fun Electronics PCB | 1 |
| SFE-NEW LOGO LOGO U\$11 Spark Fun Electronics PCB LogoThis is the standard Spark Fun Electronics PCB LogoThis is the standard Spark Fun Electronics PCB logo. | OSHW- LOGO-S | OSHW-LOGOS | OSHW-LOGOS | U\$3 | Open Source Hardware Logo This logo indicates the piece of hardware it is found on incorporates a OSHW license and/or adheres to the definition of open source hardware found here: | 1 |
| Approved Notes | | | | U\$11 | Spark Fun Electronics PCB LogoThis is the standard Spark Fun Electronics PCB | 1 |
| πρήγοντου ποιάδ | Approved | | Notes | | | 28 |
| | | | | | | |