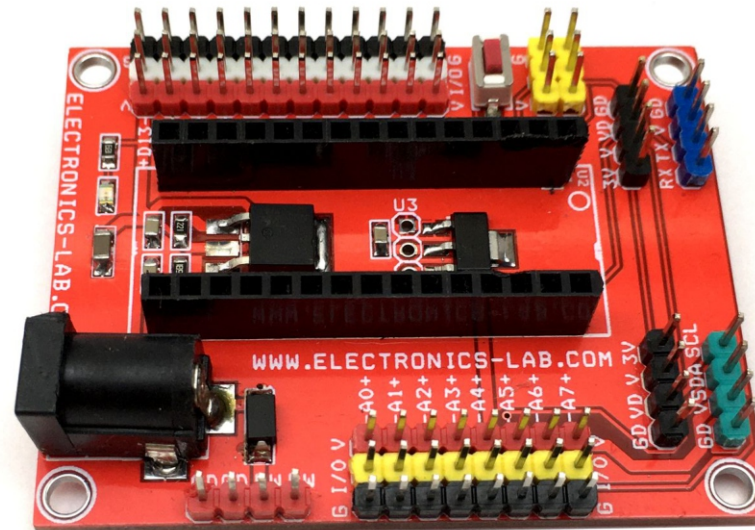
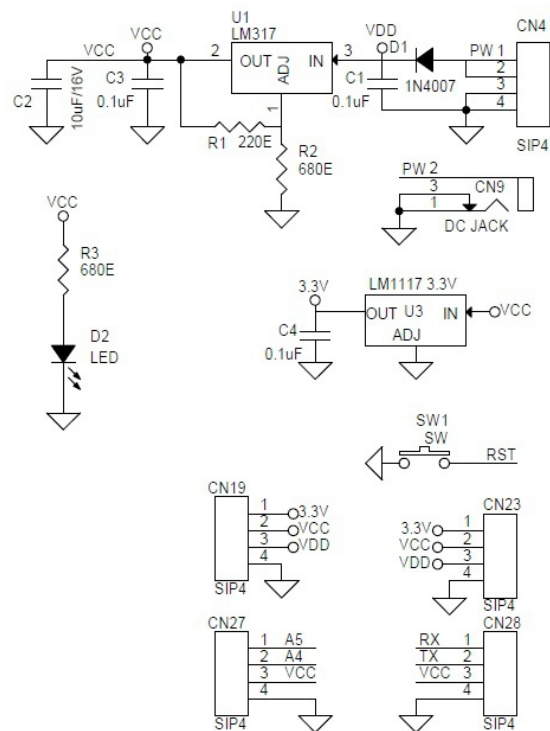
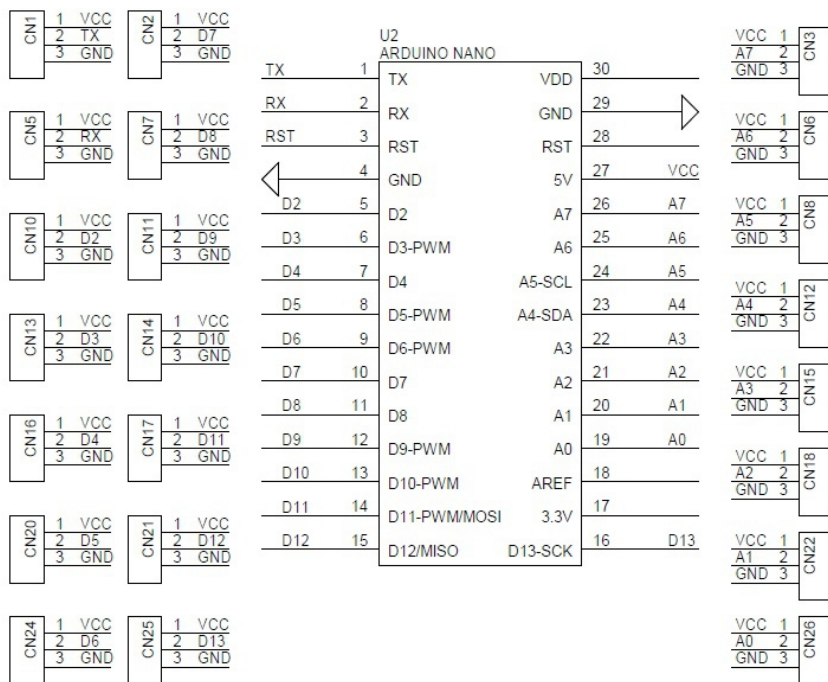
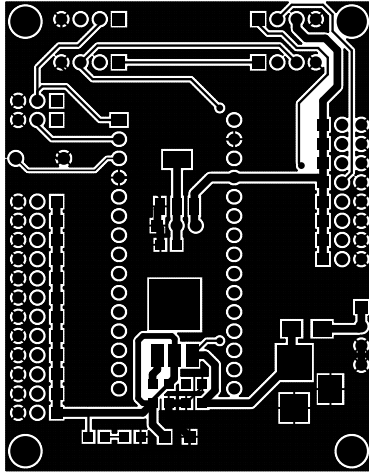


Expansion Shield-Breakout Board for Arduino Nano

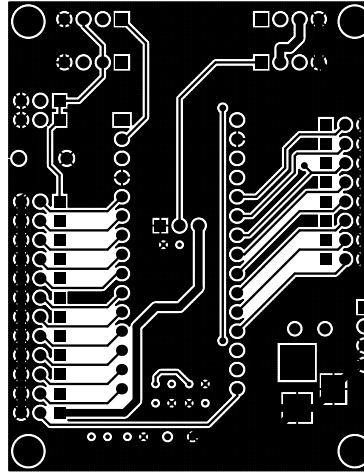
Features



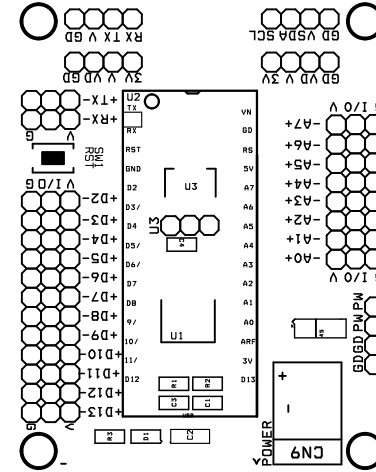




TOP LAYER



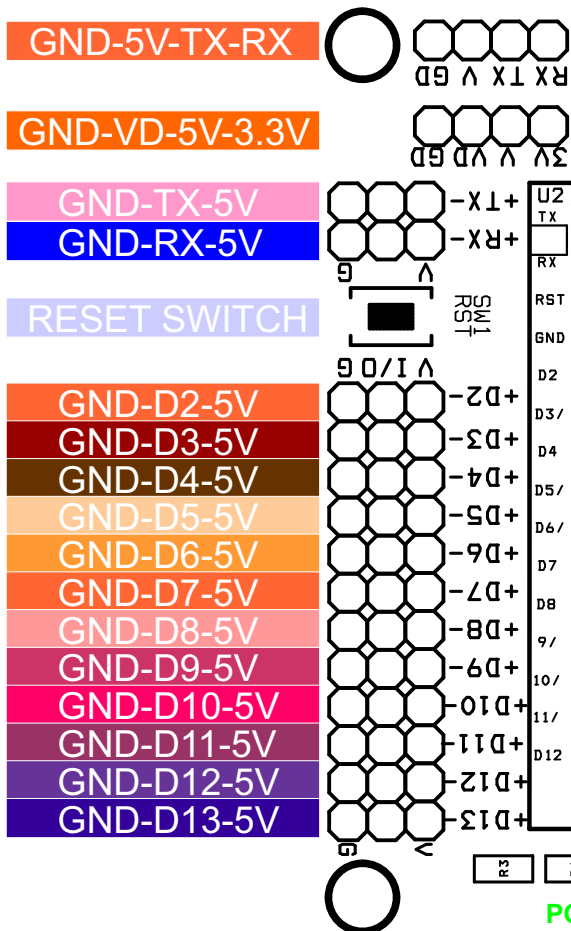
BOTTOM LAYER



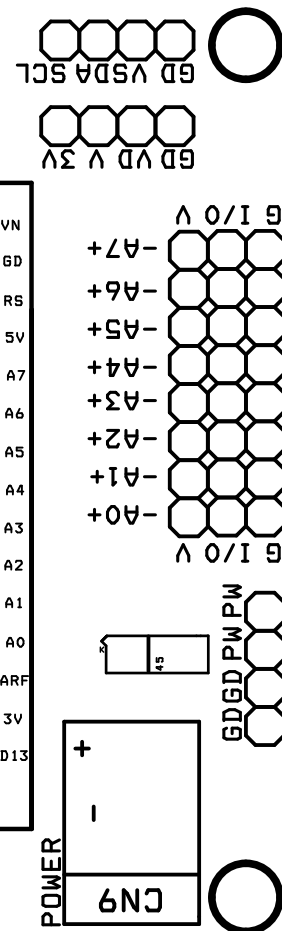
SILK SCREEN TOP

| BOM | | | | |
|-----|-------|---|---------------------------------|---------------------------------|
| SR. | QNTY. | REF. | DESC. | VENDOR/DIGIKEY/MOUSER |
| 1 | 22 | CN1 TO CN8,CN10 TO CN18,CN20,CN21,CN22,CN24,CN25,CN26 | 3 PIN MALE HEADER 2.54MM PITCH | DIGIKEY S1011EC-40-ND |
| 2 | 5 | CN4,CN19,CN23,CN27,CN28 | 4 PIN MALE HEADER 2.54MM PICTH | DIGIKEY S1011EC-40-ND |
| 3 | 1 | CN9 | DC JACK | DIGIKEY 486-4186-ND |
| 4 | 3 | C1,C3,C4 | 0.1uF/50V SMD SIZE 0805 | YAGEO |
| 5 | 1 | C2 | 10uF/16V SMD SIZE 1206 | YAGEO |
| 6 | 1 | D1 | 1N4007 SMD | DIGIKEY 1655-1N4007FLDKR-ND |
| 7 | 1 | D2 | LED SMD SIZE 0805 | DIGIKEY 475-1415-2-ND |
| 8 | 1 | R1 | 220E 5% SMD SIZE 0805 | YAGEO |
| 9 | 2 | R2,R3 | 680E 5% SMD SIZE 0805 | YAGEO |
| 10 | 1 | SW1 | TACTILE SWITCH 2PIN THT | DIGIKEY CKN12306-ND |
| 11 | 1 | U1 | LM317 DPAK | DIGIKEY LM317MDTRKGOSCT-ND |
| 12 | 1 | U2 | ARDUINO NANO | DIGIKEY 1050-1001-ND |
| 13 | 1 | U3 | LM1117 3.3V | DIGIKEY LM1117MPX-3.3/NOPBCT-ND |
| 14 | 2 | SCKT | 2X14 FEMALE HEADER 2.54MM PITCH | DIGIKEY S7012-ND |

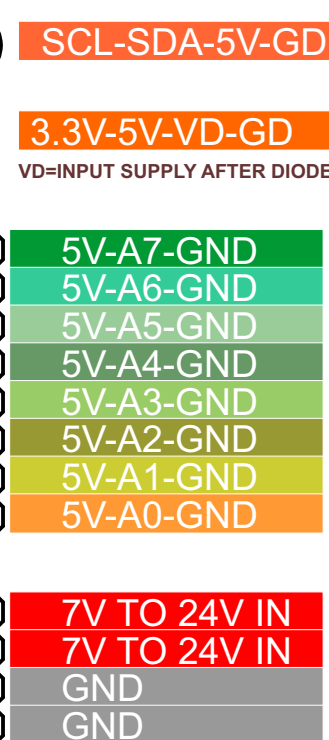
DIGITAL PINS



POWER
LED



POWER
7V TO 24V IN



ANALOG PINS