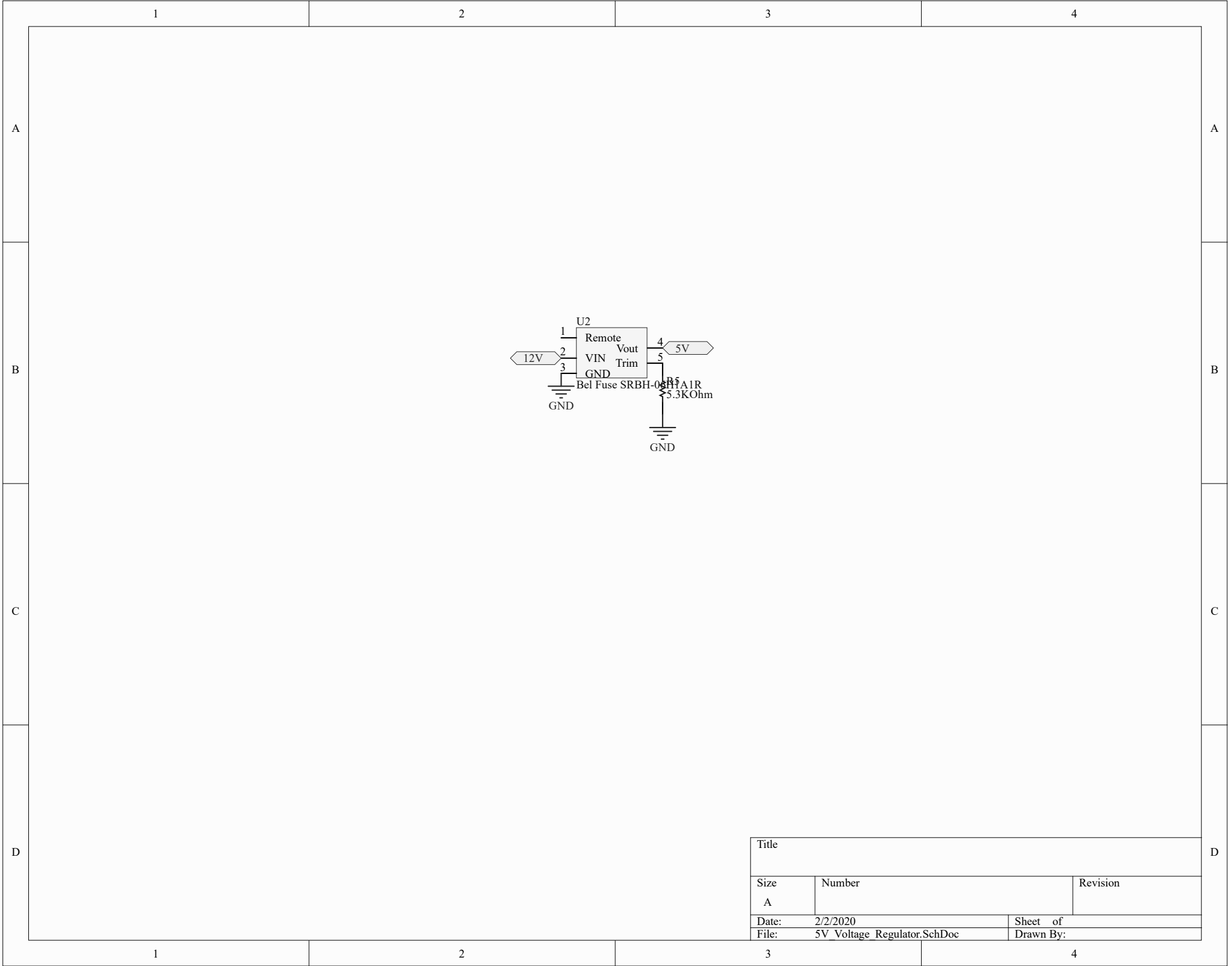
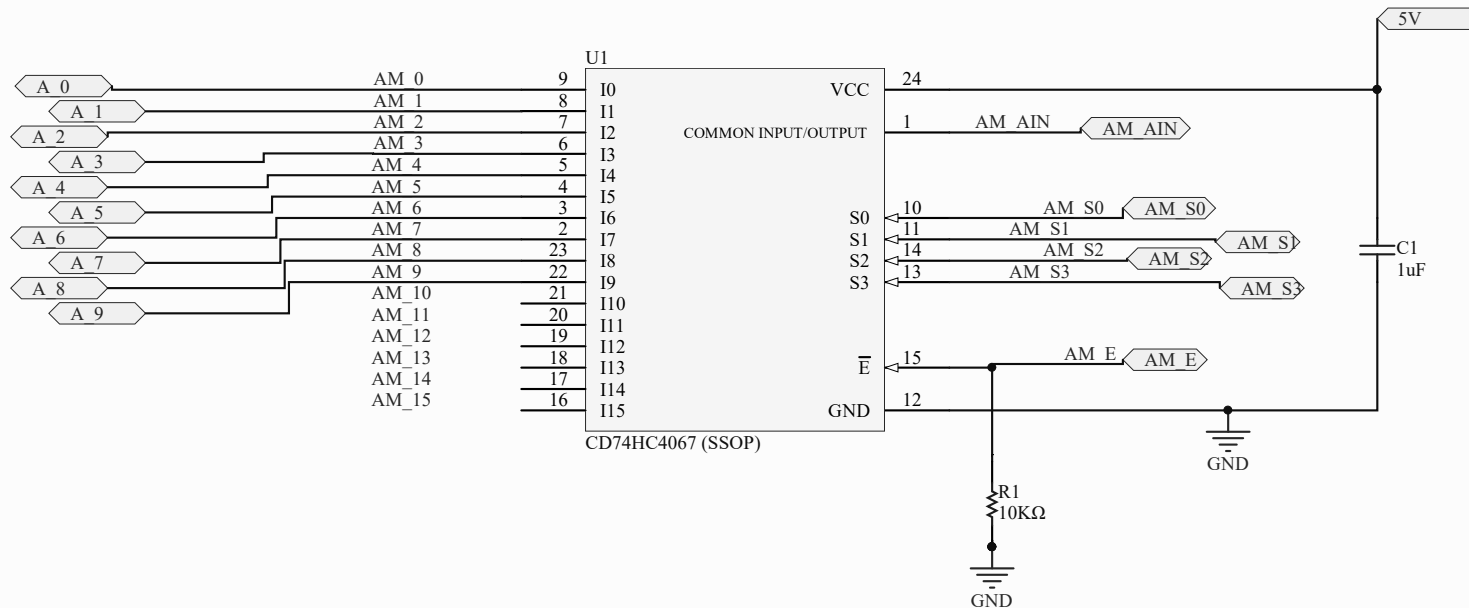


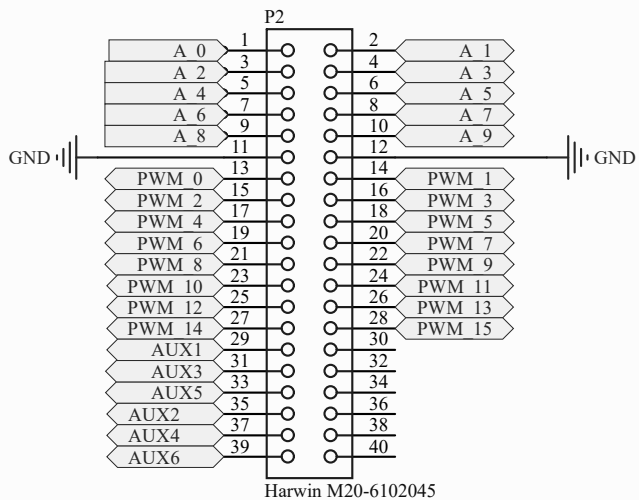
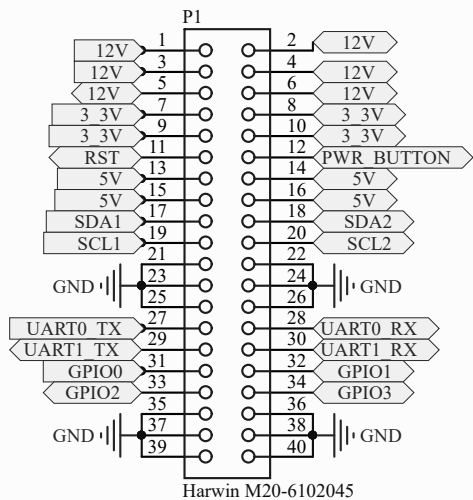
| Case/Package | Resistance | Capacitance | Comment | Description | Designator | Footprint | LibRef | Quantity |
|--------------|------------|-------------|--|--|------------|------------------------------------|---------------------------------|----------|
| | | | CPC1706Y | CPC1706 Series 4 A 60 V SPST Through Hole OptoMOS® DC Power Relay - SIP- 4 | AUX1 | PCB- a84pemv5c7g1cysz 16sn-1 | CMP- a6bb6ee89121797 c-2 | 1 |
| | | | CPC1706Y | CPC1706 Series 4 A 60 V SPST Through Hole OptoMOS® DC Power Relay - SIP- 4 | AUX2 | PCB- a84pemv5c7g1cysz 16sn-1 | CMP- a6bb6ee89121797 c-2 | 1 |
| | | | CPC1706Y | CPC1706 Series 4 A 60 V SPST Through Hole OptoMOS® DC Power Relay - SIP- 4 | AUX3 | PCB- a84pemv5c7g1cysz 16sn-1 | CMP- a6bb6ee89121797 c-2 | 1 |
| | | | CPC1706Y | CPC1706 Series 4 A 60 V SPST Through Hole OptoMOS® DC Power Relay - SIP- 4 | AUX4 | PCB- a84pemv5c7g1cysz 16sn-1 | CMP- a6bb6ee89121797 c-2 | 1 |
| | | | CPC1706Y | CPC1706 Series 4 A 60 V SPST Through Hole OptoMOS® DC Power Relay - SIP- 4 | AUX5 | PCB- a84pemv5c7g1cysz 16sn-1 | CMP- a6bb6ee89121797 c-2 | 1 |
| | | | CPC1706Y | CPC1706 Series 4 A 60 V SPST Through Hole OptoMOS® DC Power Relay - SIP- 4 | AUX6 | PCB- a84pemv5c7g1cysz 16sn-1 | CMP- a6bb6ee89121797 c-2 | 1 |
| 1210 | | 1.5e-07 F | 1uF | CAP CER 0.15UF 50V 10% X7R 1210 | C1 | CAPC3225X94X50 ML20T25 | CMP-126956-2 | 1 |
| 1210 | | 1.5e-07 F | 104 uF | CAP CER 0.15UF 50V 10% X7R 1210 | C2 | CAPC3225X94X50 ML20T25 | CMP-126956-2 | 1 |
| | | | NXP Semiconductors PCA9685PW,118 | PCA9685 Series 5.5V 25 mA 1 MHz 12-bit PWM Fm+I2C-Bus LED Controller - TSSOP- 28 | IC1 | SOP28 | CMP- d7fd1e432ce0083a 4 | 1 |
| | | | Arduino NANO | Nano 3.0 Atmel Atmega 328 MCU board | NANO | PCB- v8a1hxyz923o7t0c 3v4z-1 | CMP- f1bd39841b322e7 a-66 | 1 |
| | | | | NEOPIXEL MINI 3535 RGB | Neopixel | PCB- kt91jo9t2h163m2p 7oj6-1 | CMP- 531399334a2b8cd 4-4 | 1 |
| | | | Harwin M20- 6102045 | Conn Socket Strip SKT 40 POS 2.54mm Solder ST Thru-Hole Tube | P1 | PCB- jihay3ysyqf9shxcc qem-1 | CMP- af4b66674ff7708c- 3 | 1 |
| | | | Harwin M20- 6102045 | Conn Socket Strip SKT 40 POS 2.54mm Solder ST Thru-Hole Tube | P2 | PCB- jihay3ysyqf9shxcc qem-1 | CMP- af4b66674ff7708c- 3 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R1 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R2 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R3 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R4 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 0603 | 5.30 k? | | 5.3KOhm | Res Thin Film 0603 5.3K Ohm 0.1% 1/8W ±25ppm/°C Molded SMD SMD Paper T/R | R5 | RESC1608X06N | CMP- b9b7723a10b3667 0-1 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R5 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R6 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R7 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R8 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R9 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R10 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R11 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R12 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R13 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 10KO | RES SMD TO OHM 1% 1/2W 1210 | R14 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 740O | RES SMD TO OHM 1% 1/2W 1210 | R15 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 740O | RES SMD TO OHM 1% 1/2W 1210 | R16 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 740O | RES SMD TO OHM 1% 1/2W 1210 | R17 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 740O | RES SMD TO OHM 1% 1/2W 1210 | R18 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 740O | RES SMD TO OHM 1% 1/2W 1210 | R19 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| 1210 | 10.0 O | | 740O | RES SMD TO OHM 1% 1/2W 1210 | R20 | RESC3225X60X45N L20T20 | CMP-1860323-2 | 1 |
| | | | CD74HC4067 (SSOP) | High Speed CMOS 16-Channel Analog Multiplexer/Demul- tiplexer 24-SOIC - 55 to 125 | U1 | SOIC12P71030X26 5-24N | CMP- Be4b47469df5518c- 1 | 1 |
| | | | Bel Fuse SRBH-06H | Dc-dc Converter, 3 | U2 | RESC1608X06N | CMP-1004dc95fb2c | 1 |



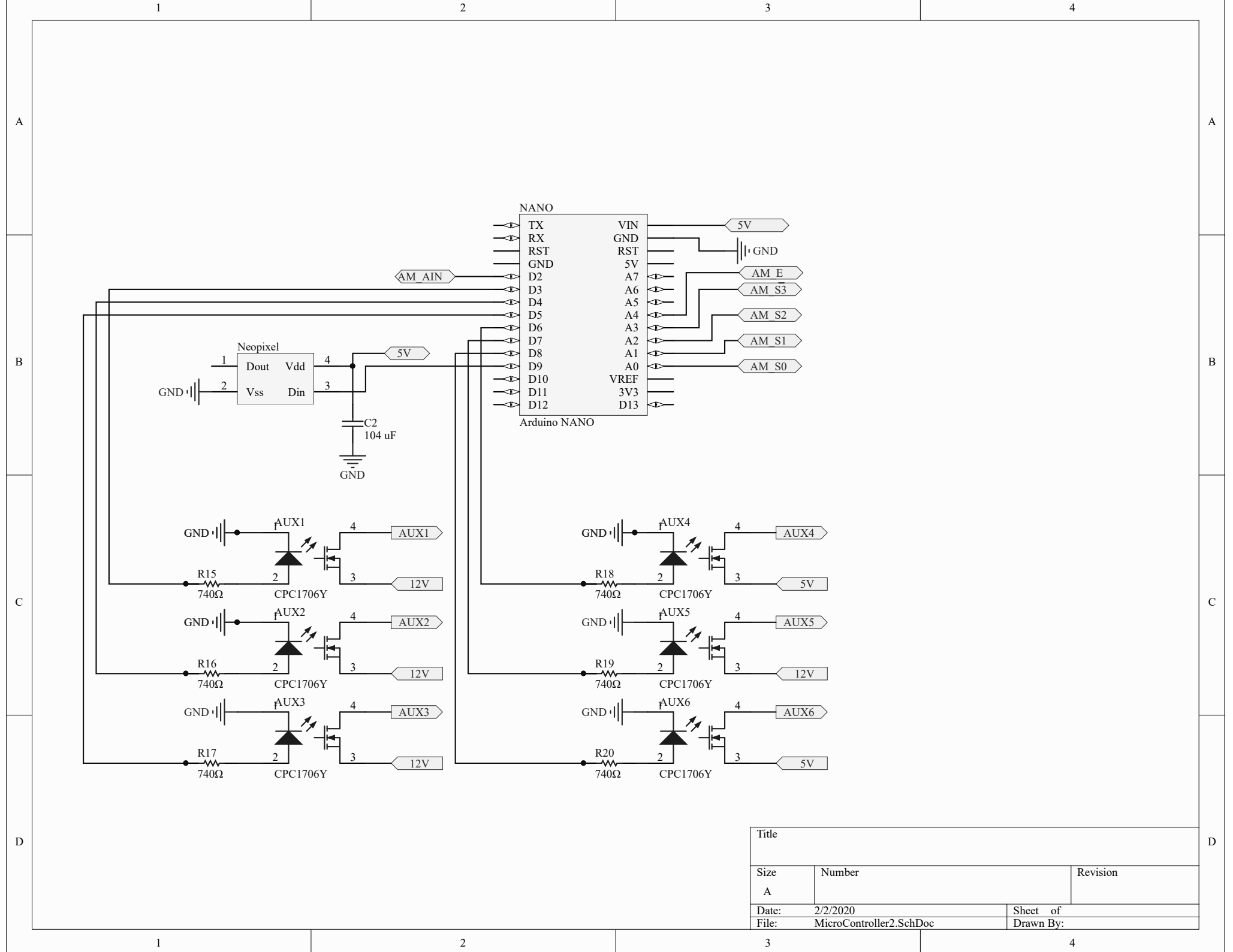
All package sizes given in METRIC



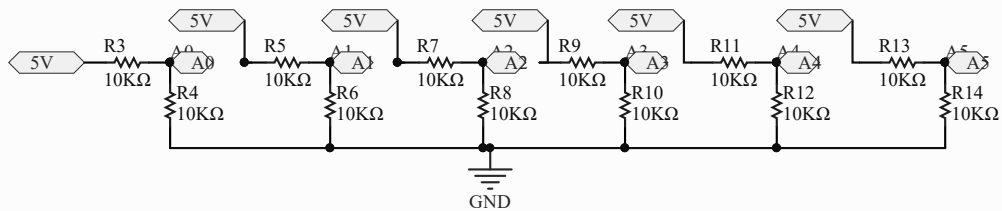
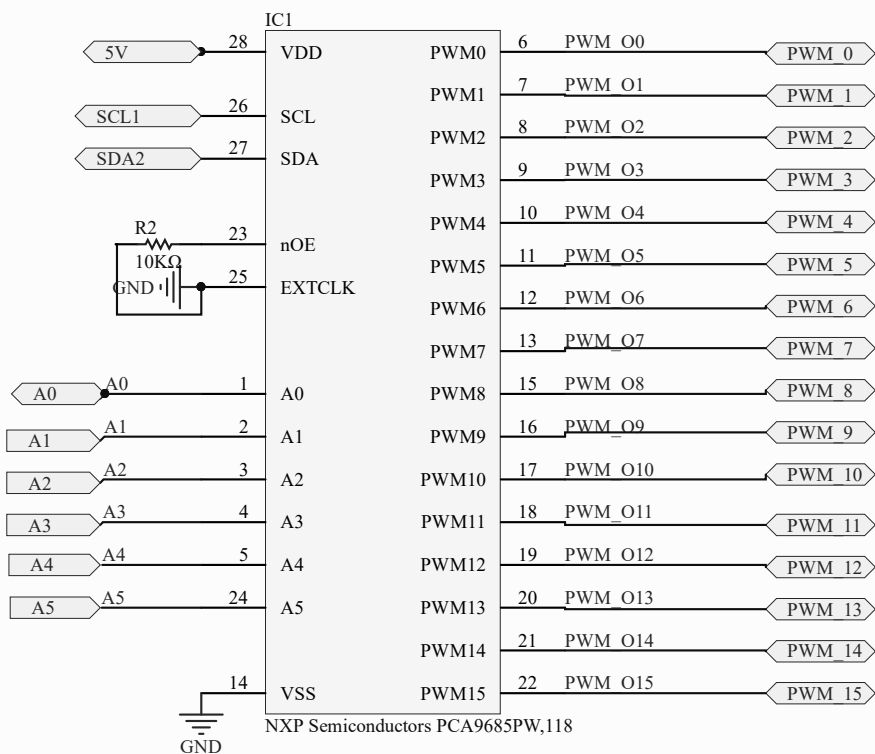
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All package sizes given in METRIC



Title

Size

A

Number

Revision

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