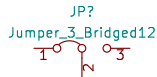
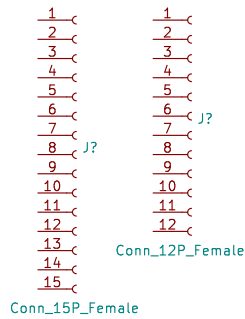
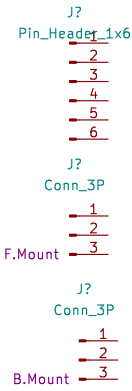
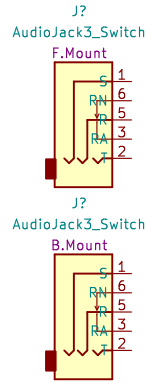
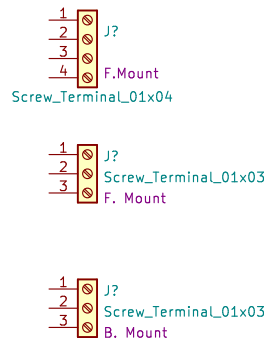


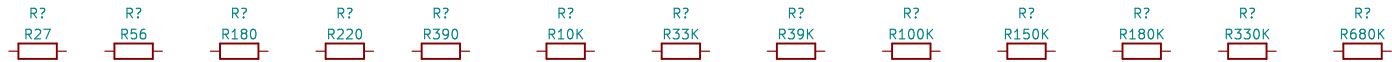
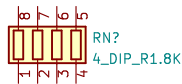
The screenshot displays the 'LocalConnectorsLibrary' in Eagle CAD. The library contains several connector symbols, each with its own pin configuration and mounting options. The symbols are arranged in a grid-like fashion, with their names and pin configurations listed on the left and their physical representations on the right.

- Arduino_USB-Serial_Card**: A 6-pin connector with pins labeled GND, Pin_2, VCC, TXD, RXD, and DRT.
- Arduino_USB-Serial_Card_Connector**: A 6-pin connector with pins labeled GND, Pin_2, VCC, TXD, RXD, and DRT.
- Screw_Terminal_01x04**: A 4-pin connector with pins labeled 1, 2, 3, and 4.
- Screw_Terminal_01x03**: A 3-pin connector with pins labeled 1, 2, and 3.
- AudioJack3_Switch**: A 6-pin connector with pins labeled 1, 2, 3, 4, 5, and 6.
- Pin_Header_1x6**: A 6-pin connector with pins labeled 1, 2, 3, 4, 5, and 6.
- Jumper_3_Bridged12**: A 3-pin connector with pins labeled 1, 2, and 3.
- Conn_3P**: A 3-pin connector with pins labeled 1, 2, and 3.
- Conn_12P_Female**: A 12-pin connector with pins labeled 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12.
- Conn_15P_Female**: A 15-pin connector with pins labeled 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, and 15.



The diagram shows a 4-DIP_1.8K component with pins 1 through 8. The component is connected to a network of capacitors and resistors. The components are labeled as follows:

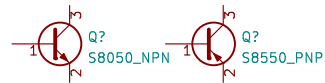
- Capacitors: C? C10nf, C? C100nf, C? C330nf, C? C10uf
- Resistors: R? R27, R? R56, R? R180, R? R220, R? R390, R? R10K, R? R33K, R? R39K, R? R100K, R? R150K, R? R180K, R? R330K, R? R680K



Local_Transistor_BJT_Library

Q? S8050_NPN

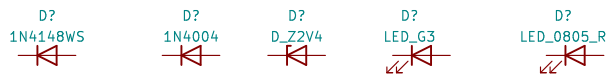
Q? S8550_PNP



LocalDiodeLibrary

The diagram shows a component labeled "LocalDiodeLibrary" with five pins, each labeled "D?". The pins are connected to the following diodes:

- Pin 1: 1N4148WS
- Pin 2: 1N4004
- Pin 3: D_Z2V4
- Pin 4: LED_G3
- Pin 5: LED_0805_R



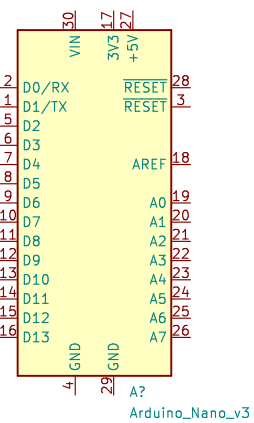
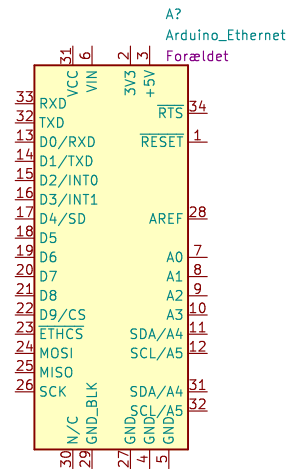
The diagram illustrates the Local MCU Module Library, showing two modules connected to a central bus. The modules are represented by yellow rectangles with pins and labels.

Module 1: Arduino_Ethernet

- Pin 31:** VCC
- Pin 30:** VIN
- Pin 2:** 3V3
- Pin 3:** +5V
- Pin 34:** RTS
- Pin 1:** RESET
- Pin 33:** RXD
- Pin 32:** TXD
- Pin 13:** D0/RXD
- Pin 14:** D1/TXD
- Pin 15:** D2/INT0
- Pin 16:** D3/INT1
- Pin 17:** D4/SD
- Pin 18:** D5
- Pin 19:** D6
- Pin 20:** D7
- Pin 21:** D8
- Pin 22:** D9/CS
- Pin 23:** ETHCS
- Pin 24:** MOSI
- Pin 25:** MISO
- Pin 26:** SCK
- Pin 30:** N/C
- Pin 29:** GND_BLK
- Pin 27:** SDA/A4
- Pin 4:** GND
- Pin 29:** GND
- Pin 4:** GND
- Pin 5:** GND

Module 2: Arduino_Nano_v3

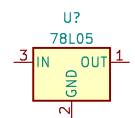
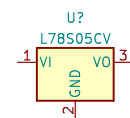
- Pin 30:** VIN
- Pin 17:** 3V3
- Pin 27:** +5V
- Pin 28:** RESET
- Pin 3:** RESET
- Pin 2:** D0/RX
- Pin 1:** D1/TX
- Pin 5:** D2
- Pin 6:** D3
- Pin 7:** D4
- Pin 8:** D5
- Pin 9:** D6
- Pin 10:** D7
- Pin 11:** D8
- Pin 12:** D9
- Pin 13:** D10
- Pin 14:** D11
- Pin 15:** D12
- Pin 16:** D13
- Pin 18:** AREF
- Pin 19:** A0
- Pin 20:** A1
- Pin 21:** A2
- Pin 22:** A3
- Pin 23:** A4
- Pin 24:** A5
- Pin 25:** A6
- Pin 26:** A7
- Pin 4:** GND
- Pin 29:** GND
- Pin 30:** VIN
- Pin 17:** 3V3
- Pin 27:** +5V



Local_Miscellaneous_Library

The schematic diagram illustrates five components from a local miscellaneous library:

- L78S05CV** (U?): A 5V voltage regulator. Pin 1 (VI) is connected to ground (GND). Pin 2 (GND) is connected to ground. Pin 3 (VO) is the output.
- 78L05** (U?): A 5V voltage regulator. Pin 3 (IN) is connected to ground (GND). Pin 2 (GND) is connected to ground. Pin 1 (OUT) is the output.
- PCB17** (U?): A component symbol, possibly a diode or transistor, with pins 1, 2, 3, and 4.
- SW_MEC_5E** (U?): A switch component with pins 1, 2, 3, and 4.
- LM358DR2G** (U?A): A dual operational amplifier. Pin 3 (+) is connected to ground (GND). Pin 2 (-) is connected to ground. Pin 1 is the output.
- LM358DR2G** (U?B): A dual operational amplifier. Pin 5 (+) is connected to ground (GND). Pin 6 (-) is connected to ground. Pin 7 is the output.



Package_TO_SOT_THT:TO-220-3_Vertical

