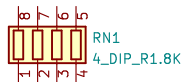
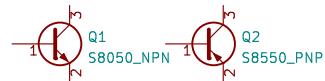


The diagram illustrates a circuit for a local device library. It features a 4-DIP_1.8K component (RN1) connected to a 4-DIP_1.8K component (RN1). The circuit includes several capacitors (C1, C2, C3, C4) and resistors (R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13). The components are labeled with their values and are connected in a specific configuration. The capacitors are C1 (C10nf), C2 (C100nf), C3 (C330nf), and C4 (C10uf). The resistors are R1 (R27), R2 (R56), R3 (R180), R4 (R220), R5 (R390), R6 (R10K), R7 (R33K), R8 (R39K), R9 (R100K), R10 (R150K), R11 (R180K), R12 (R330K), and R13 (R680K).



Local_Transistor_BJT_Library



LocalDiodeLibrary

The diagram shows a library of five diode components, each represented by a red diode symbol with its label and part number above it:

- D1**: 1N4148WS
- D2**: 1N4004
- D3**: D_Z2V4
- D4**: LED_G3
- D5**: LED_0805_R



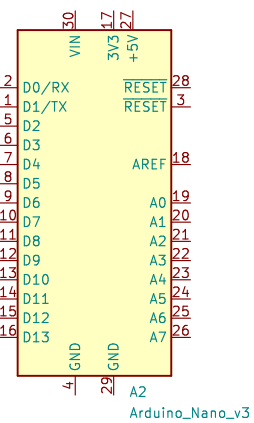
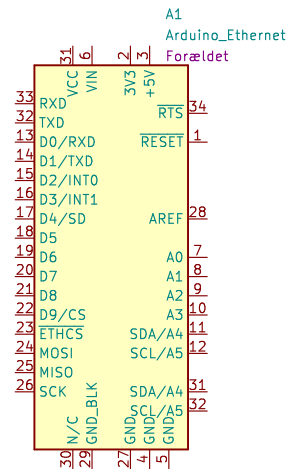
The diagram illustrates the Local MCU Module Library, showing two modules connected to a central bus. The modules are represented by yellow rectangles with pins and labels.

Module A1: Arduino_Ethernet

- Top Pins (Left to Right):** 31 VCC, 30 VIN, 2 3V3, 3 +5V.
- Bottom Pins (Left to Right):** 30 GND, 29 GND, 27 GND, 4 GND, 5 GND.
- Internal Labels (Left to Right):** RXD, TXD, D0/RXD, D1/TXD, D2/INT0, D3/INT1, D4/SD, D5, D6, D7, D8, D9/CS, ETHCS, MOSI, MISO, SCK, N/C, GND_BLK, SDA/A4, SCL/A5.
- External Labels (Right):** RTS, RESET, AREF, A0, A1, A2, A3, SDA/A4, SCL/A5.

Module A2: Arduino_Nano_v3

- Top Pins (Left to Right):** 2 D0/RX, 1 D1/TX, 5 D2, 6 D3, 7 D4, 8 D5, 9 D6, 10 D7, 11 D8, 12 D9, 13 D10, 14 D11, 15 D12, 16 D13.
- Bottom Pins (Left to Right):** 4 GND, 29 GND, 27 GND, 4 GND, 5 GND.
- Internal Labels (Left to Right):** D0/RX, D1/TX, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13.
- External Labels (Right):** RESET, RESET, AREF, A0, A1, A2, A3, A4, A5, A6, A7.



Local_Miscellaneous_Library

Powersymbol for Arduino

U2
L78S05CV
VI V0
GND
2

U4
78L05
IN OUT
GND
2

Package_TO_SOT_THT:TO-220-3_Vertical

U1
PC817
1 4
2 3

U3A
LM358DR2G
3+ 1
2-

U3B
LM358DR2G
5+ 7
6- 8
U3C
LM358DR2G

