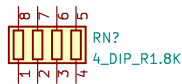
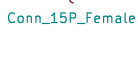
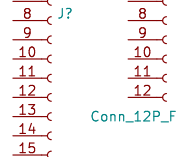
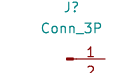
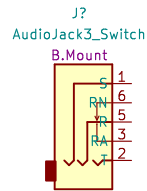
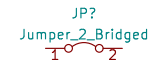
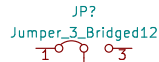
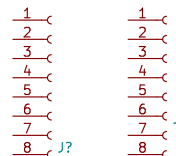
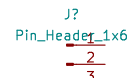
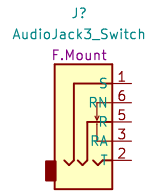
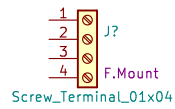



The screenshot displays the 'Local Connectors Library' in Eagle CAD. The library contains the following connectors and their footprints:


- Arduino_USB-Serial_Card**: Footprint with pins 1 (GND), 2 (Pin_2), 3 (VCC), 4 (TXD), 5 (RXD), 6 (DRT).
- Arduino_USB-Serial_Card_Connector**: Footprint with pins 1 (GND), 2 (Pin_2), 3 (VCC), 4 (TXD), 5 (RXD), 6 (DRT).
- Screw_Terminal_01x04**: Footprint with pins 1, 2, 3, 4.
- Screw_Terminal_01x03**: Footprint with pins 1, 2, 3.
- AudioJack3_Switch**: Footprint with pins 1, 2, 3, 4, 5, 6.
- Pin_Header_1x6**: Footprint with pins 1, 2, 3, 4, 5, 6.
- Jumper_3_Bridged12**: Footprint with pins 1, 2, 3.
- Jumper_2_Bridged**: Footprint with pins 1, 2.
- Conn_3P**: Footprint with pins 1, 2, 3.
- Conn_12P_Female**: Footprint with pins 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.
- Conn_15P_Female**: Footprint with pins 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15.



Local_Transistor_BJT_Library




Q?
S8050_NPN




Q?
S8550_PNP


Local_Diode_Library




D?
1N4148WS




D?
1N4004



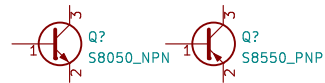
D?
D_Z2V4



D?
LED_G3



D?
LED_0805_R



The diagram illustrates a Local MCU Module Library with two modules: **Arduino_Ethernet** and **Arduino_Nano_v3**.

Arduino_Ethernet Module:

- Left Side Pins (1-26):** 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1.
- Right Side Pins (31-32):** 31, 32.
- Internal Labels:** VCC, VIN, 3V3, +5V, RTS, RESET, AREF, A0, A1, A2, A3, SDA/A4, SCL/A5, N/C, GND_BK, GND, GND, GND, GND.

Arduino_Nano_v3 Module:

- Left Side Pins (2-16):** 2, 1, 0, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2.
- Right Side Pins (17-26):** 17, 18, 19, 20, 21, 22, 23, 24, 25, 26.
- Internal Labels:** VIN, 3V3, +5V, RESET, AREF, A0, A1, A2, A3, A4, A5, A6, A7, GND, GND, GND.

The modules are connected to a common ground and power supply. The **Arduino_Nano_v3** module is labeled with "A?" and "Arduino_Nano_v3".

