

# EAGLE Libraries

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## Abstract

I'm using EAGLE 3.55 light which is freeware to draw my wiring diagrams. There comes a library shipped with the program including lots of common components and connectors. The EALGE libraries to be found on my site include several components which I was not able to find in the standard libraries.

## 1 my\_can.lbr

This library includes several CAN bus devices.

Device	Description
82527PLCC	Intel stand alone CAN bus controller. PLCC44 package.
82C250SO	Philips CAN transceiver, SO8 package.
82C250DIL, 82C250DIL-	Philips CAN transceiver, DIL8 package. Two symbols. One may choose the symbol which better fits into the current wiring diagram.

Table 1: Devices included in my\_can.lbr

## 2 my\_connectors.lbr

Device	Description
IS_XT	XT ISA (16 bit) bus connector like used in PC compatibles.
JPSWITCH	A jumper switch with three pins.
MIX5.2-F	Female connector with 5 datalines (Sub-D like) and two additional high power connectors.
MIX5.2-M	Male jack with 5 datalines (Sub-D like ) and two additional high power pins.
POLE_4.2	Male jack with two rows and 4 pins per row.
POLE_5.2	Male jack with two rows and 5 pins per row.

Table 2: Devices included in my\_connectors.lbr

### 3 my\_hall\_sensors.lbr

<b>Device</b>	<b>Description</b>
66A427	Hallsensor with TTL output.

Table 3: Devices included in `my_hall_sensors.lbr`

### 4 my\_mini\_mod.lbr

This library contains miniMODUL devices produced by Phytex.

<b>Device</b>	<b>Description</b>
MM537	miniMODUL-537, not complete. Just the most important pins included.
MM537CAN	miniMODUL-537. Just the pins included needed for a CAN bus integration with 80527.

Table 4: Devices included in `my_mini_mod.lbr`

### 5 my\_motor.lbr

<b>Device</b>	<b>Description</b>
MOTOR	A DC motor.

Table 5: Devices included in `my_motor.lbr`

## 6 my\_optocpl.lbr

<b>Device</b>	<b>Description</b>
TLP626-4	Optocoupler contains four devices in a single package. Also available with two or one coupler per package.

Table 6: Devices included in my\_optocpl.lbr

## 7 my\_relais.lbr

<b>Device</b>	<b>Description</b>
40.52	Relais 40.52 produced by Finder GmbH.

Table 7: Devices included in my\_relais.lbr

## 8 my\_rockwell.lbr

<b>Device</b>	<b>Description</b>
R6502CPU	No comment.

Table 8: Devices included in my\_rockwell.lbr

## 9 my\_sram.lbr

Device	Description
6264	8kB (64 kBit) SRAM in DIL28 package.
62256	32kB (256 kBit) SRAM in DIL28 package.

Table 9: Devices included in my\_sram.lbr

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