

[illegible]

PE 1	○ ○	2 PE
+12V 3	○ ○	4 +12V
+5V 5	○ ○	6 +5V
Gnd 7	○ ○	8 Gnd
Gnd 9	○ ○	10 +VAUX
PWR_START 11	○ ○	12 PWR_DIRECT
SSCL 13	○ ○	14 SSDA
<u>FAULT</u> 15	○ ○	16 +3V3

The diagram shows the pin connections for the ZL263-40DG component. The pins are numbered 1 to 40. The connections are as follows:

- Pin 1:** +12V
- Pin 2:** SPI2_CLK
- Pin 3:** SPI2_MISO
- Pin 4:** SPI2_MOSI
- Pin 5:** SPI2_CSA
- Pin 6:** SPI2_CSB
- Pin 7:** SPI2_IRQ
- Pin 8:** GND
- Pin 9:** SPI5_CLK
- Pin 10:** SPI5_MISO
- Pin 11:** SPI5_MOSI
- Pin 12:** SPI5_CSA
- Pin 13:** SPI5_CSB
- Pin 14:** SPI5_IRQ
- Pin 15:** GND
- Pin 16:** OUT_SER
- Pin 17:** OE_SYNC
- Pin 18:** GND
- Pin 19:** X1-1
- Pin 20:** X1-2
- Pin 21:** X1-3
- Pin 22:** X1-4
- Pin 23:** X1-5
- Pin 24:** X1-6
- Pin 25:** X1-7
- Pin 26:** X1-8
- Pin 27:** X1-9
- Pin 28:** X1-10
- Pin 29:** X1-11
- Pin 30:** X1-12
- Pin 31:** X1-13
- Pin 32:** X1-14
- Pin 33:** X1-15
- Pin 34:** X1-16
- Pin 35:** X1-17
- Pin 36:** X1-18
- Pin 37:** X1-19
- Pin 38:** X1-20
- Pin 39:** X1-21
- Pin 40:** X1-22

Additional connections shown on the right side of the diagram:

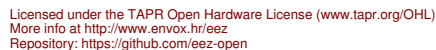
- Pin 2:** SPI4_CLK
- Pin 3:** SPI4_MISO
- Pin 4:** SPI4_MOSI
- Pin 5:** SPI4_CSA
- Pin 6:** SPI4_CSB
- Pin 7:** SPI4_IRQ
- Pin 9:** RESET
- Pin 10:** FAULT
- Pin 11:** I2C1_SCL
- Pin 12:** I2C1_SDA
- Pin 14:** +3V3
- Pin 16:** OUT_PAR

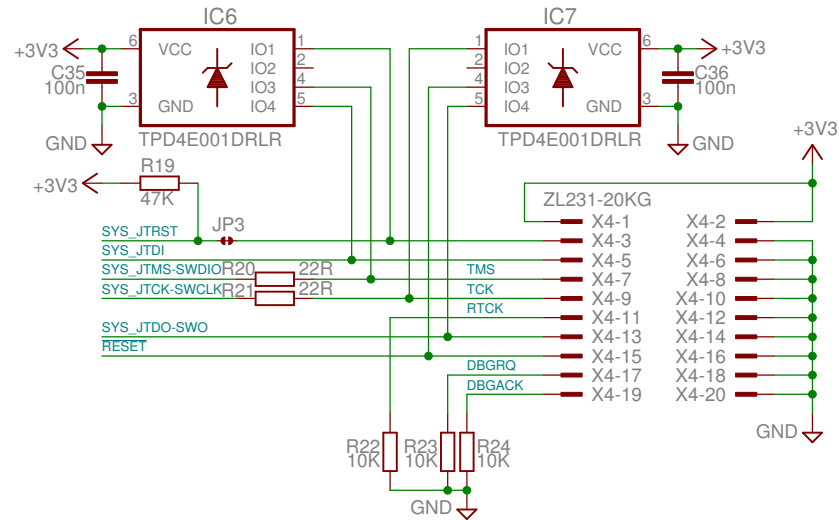
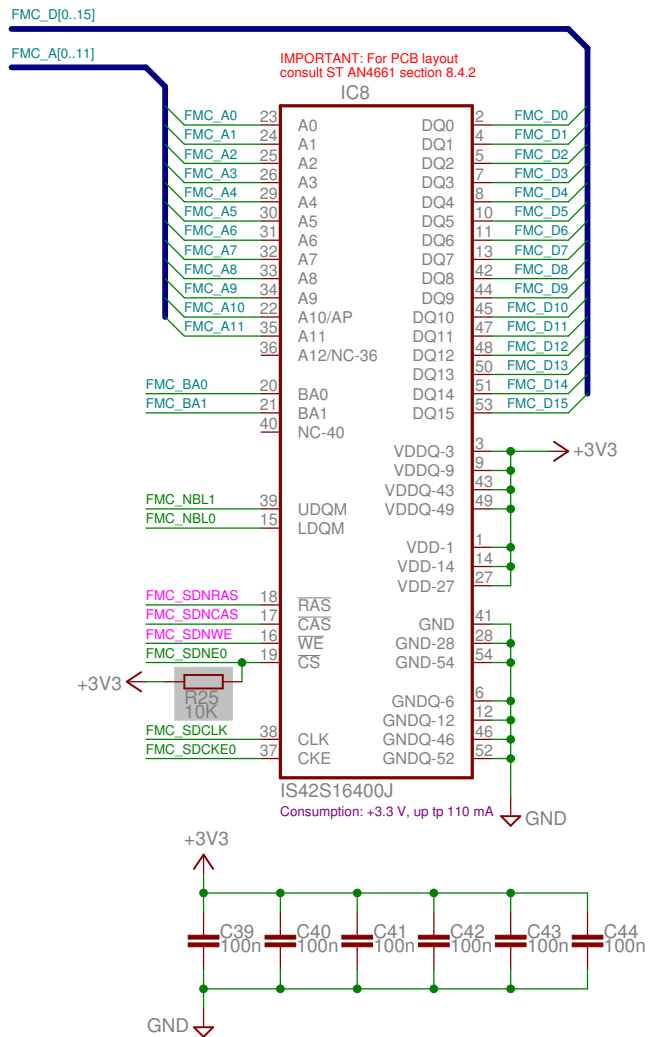
Gnd 1	<input type="radio"/>	2 Gnd
+5V 3	<input type="radio"/>	4 +5V
+12V 5	<input type="radio"/>	6 +12V
Gnd 7	<input type="radio"/>	8 Gnd
CH1_SCLK 9	<input type="radio"/>	10 CH2_SCLK
CH1_MISO 11	<input type="radio"/>	12 CH2_MISO
CH1_MOSI 13	<input type="radio"/>	14 CH2_MOSI
CH1_CSA 15	<input type="radio"/>	16 CH2_CSA
CH1_CSB 17	<input type="radio"/>	18 CH2_CSB
CH1_IRQ 19	<input type="radio"/>	20 CH2_IRQ
Gnd 21	<input type="radio"/>	22 Gnd
CH3_SCLK 23	<input type="radio"/>	24 NRESET
CH3_MISO 25	<input type="radio"/>	26 NFAULT
CH3_MOSI 27	<input type="radio"/>	28 SSCL
CH3_CSA 29	<input type="radio"/>	30 SSDA
CH3_CSB 31	<input type="radio"/>	32 +3V3
CH3_IRQ 33	<input type="radio"/>	34 +VAUX
Gnd 35	<input type="radio"/>	36 Gnd
OUT_SER 37	<input type="radio"/>	38 OUT_PAR
OE_SYNC 39	<input type="radio"/>	40 Gnd

Digital I/O with protections

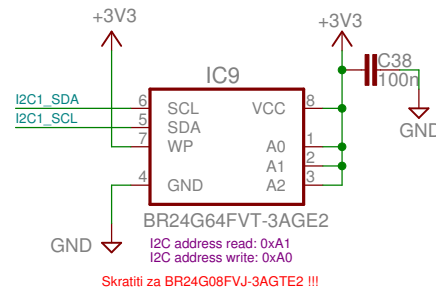
Encoder shaft length: 15 mm
 Knob head: A3131068 (OKW), Knob cap: A3231007 (OKW)

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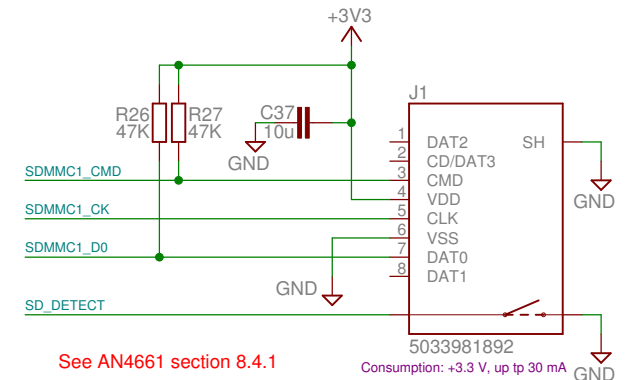




I2C EEPROM



Micro SD card socket



SDRAM, JTAG, I2C EEPROM, SD Card

TITLE: EEZ DIB MCU r1B1

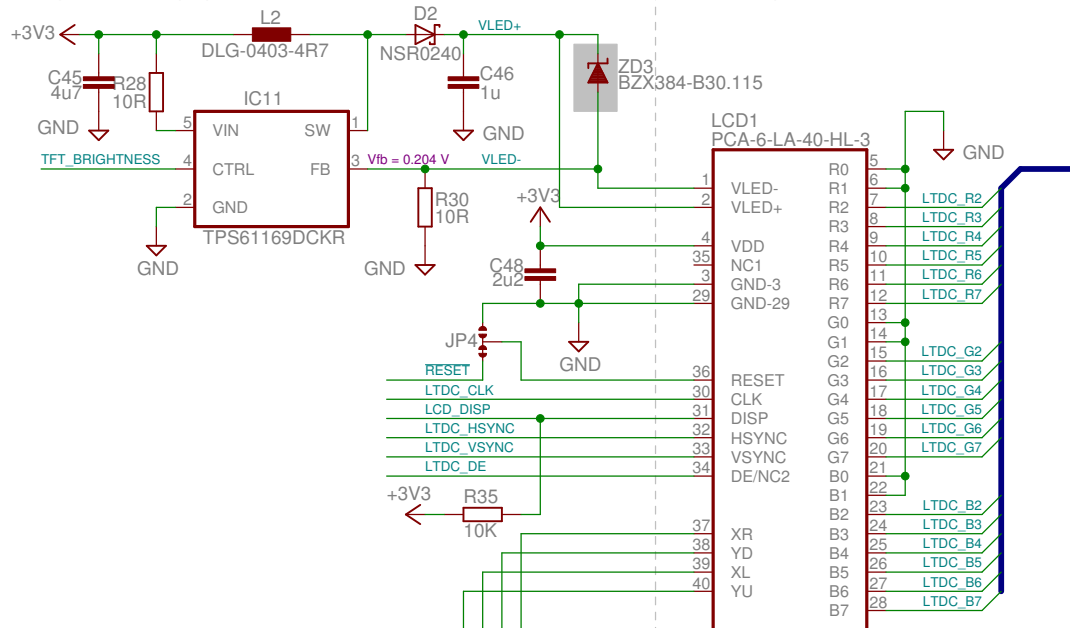
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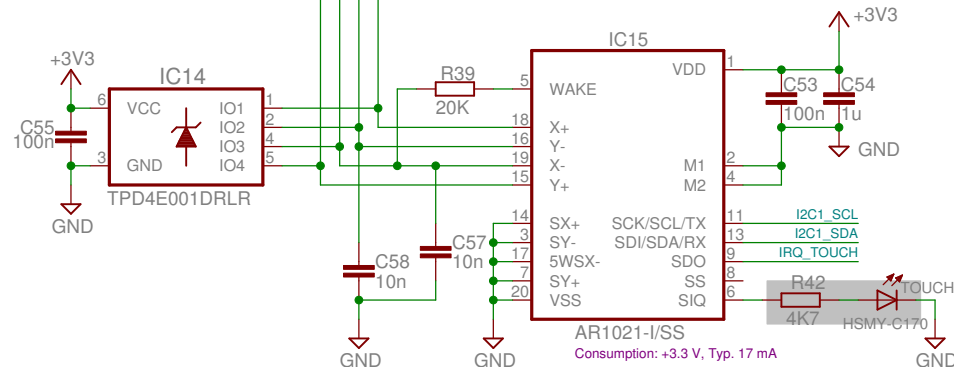
LCD backlight DC-DC step-up converter



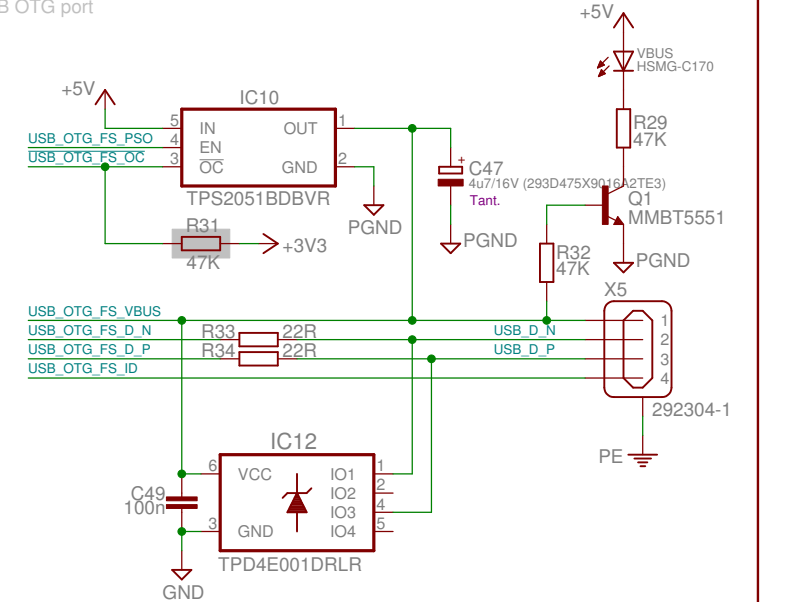
4.3" LCD 40-pin socket

LCD display: RFE43BH-AIW-DNS or RFE430Y-AIW-DNS
4.3", 480x272, resistive touch screen
Consumption: +3.3 V, max. 33 mA; +32 V, 20 mA

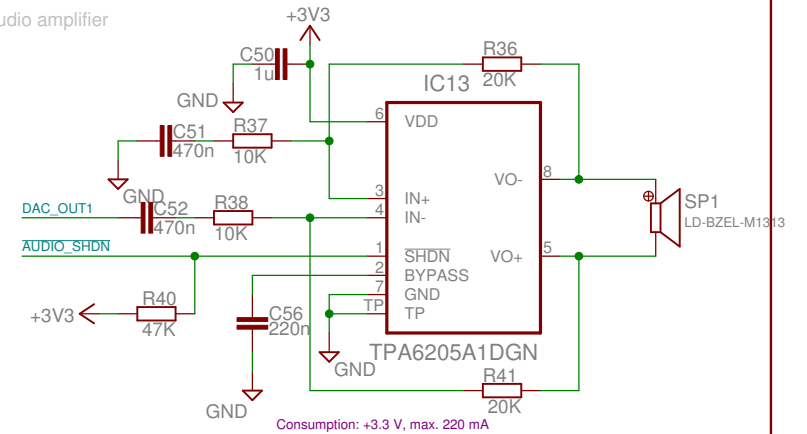
Resistive touchscreen controller



USB OTG port



Audio amplifier



USB, TFT LCD, touchscreen, audio amplifier

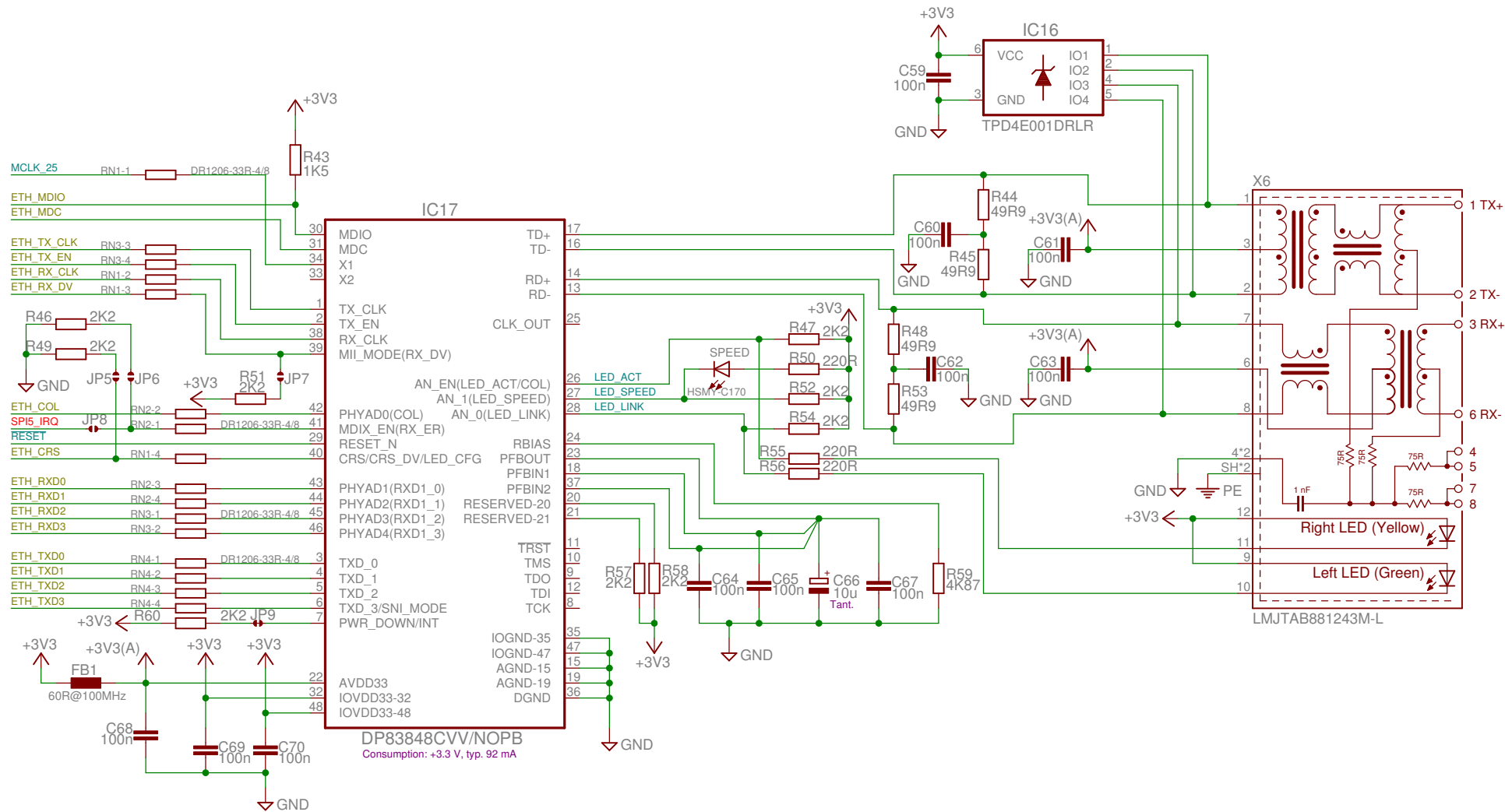
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Ethernet PHY

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