

TITLE: Main

Document Number:

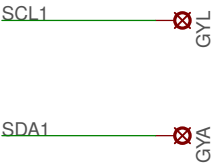
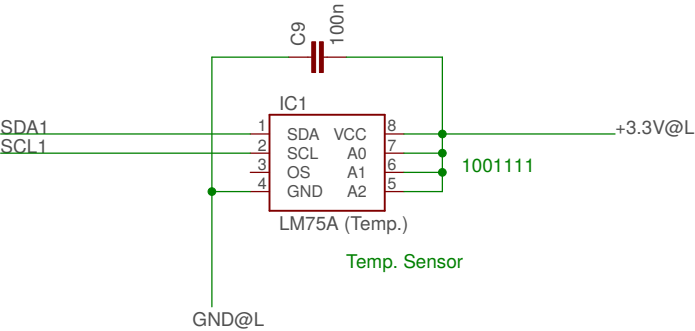
REV:

Date: 08.10.16 17:21

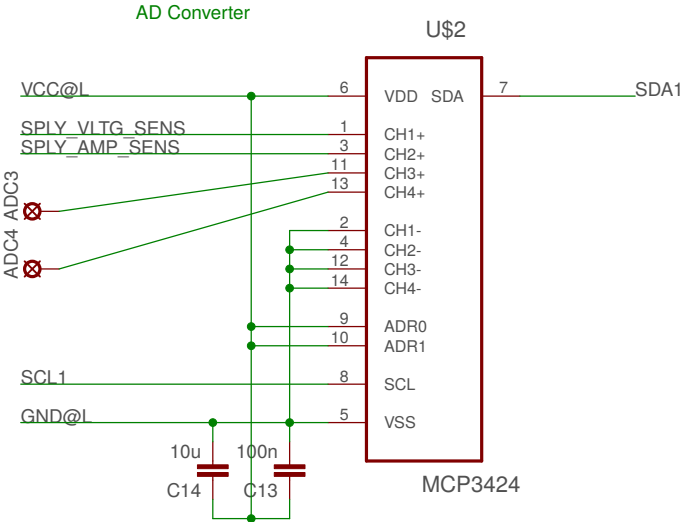
Sheet: 1/1

pull-up resistors for I2C already in the RPI

The four most significant bits of the slave address are hard wired inside the LM75 and are "1001". The three least significant bits of the address are assigned to pins A2 –A0, and are set by connecting these pins to ground for a low, (0); or to aVS for a high, (1).



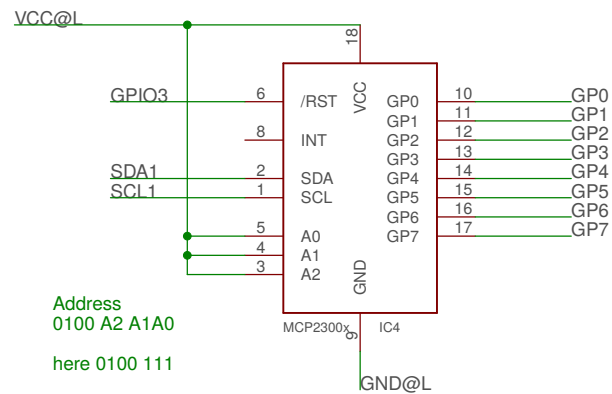
ITG-3200 (3.3V)
Address
Deafault 0x69= 1101 001



Address 1101 A2 A1 A0
used with floting/open, H and L
here: 1101 110
(ADDR0=ADDR1=H)

TITLE: Main	
Document Number:	REV:
Date: 08.10.16 17:21	Sheet: 1/1

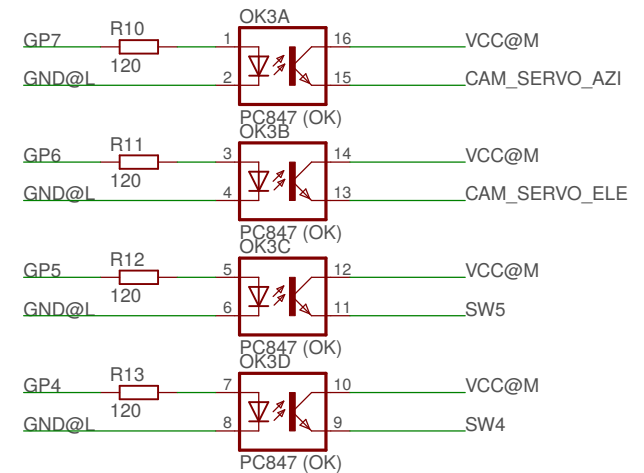
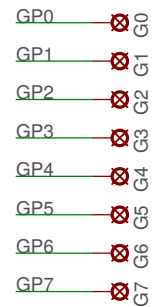
PIEZO: <http://www.reichelt.de/SUMMER-12V-HL/3/index.html?&ACTION=3&LA=446&ARTICLE=14557&artnr=SUMMER+12V+HL&SEARCH=piezo+>



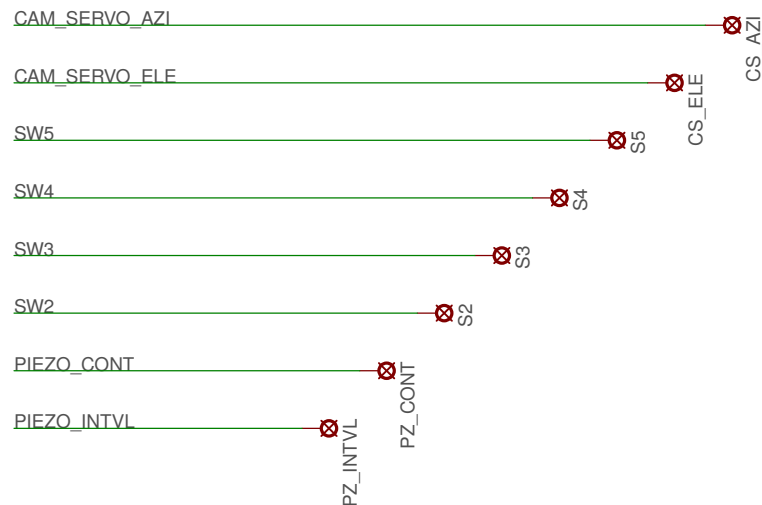
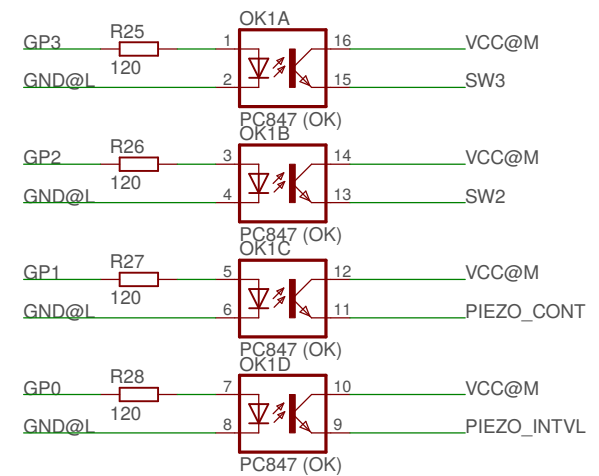
Address
0100 A2 A1A0
here 0100 111

IR LEDs
IR CAM: Angle of View: 54 x 41 degrees

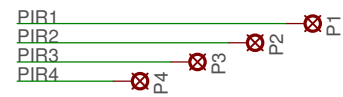
8-Bit I/O Expander with Serial Interface



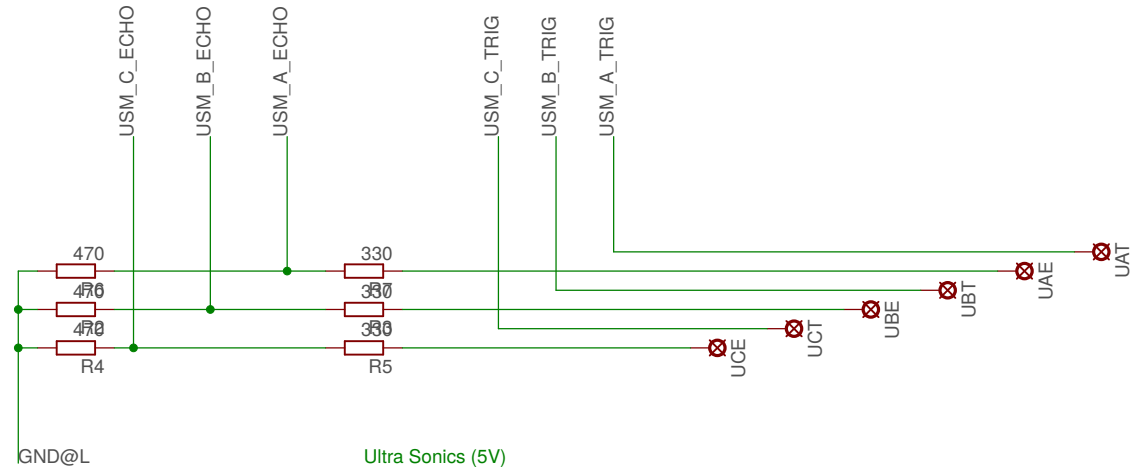
PC847: $I_{c_max}=50mA$



TITLE: Main	
Document Number:	REV:
Date: 08.10.16 17:21	Sheet: 1/1



PIRs (5V)



Ultra Sonics (5V)

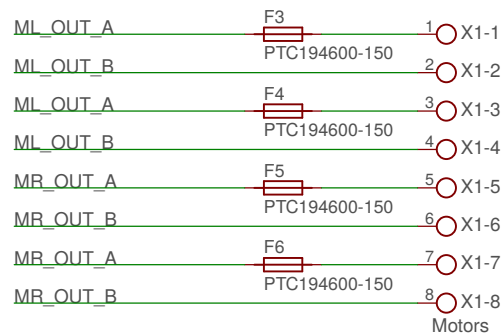
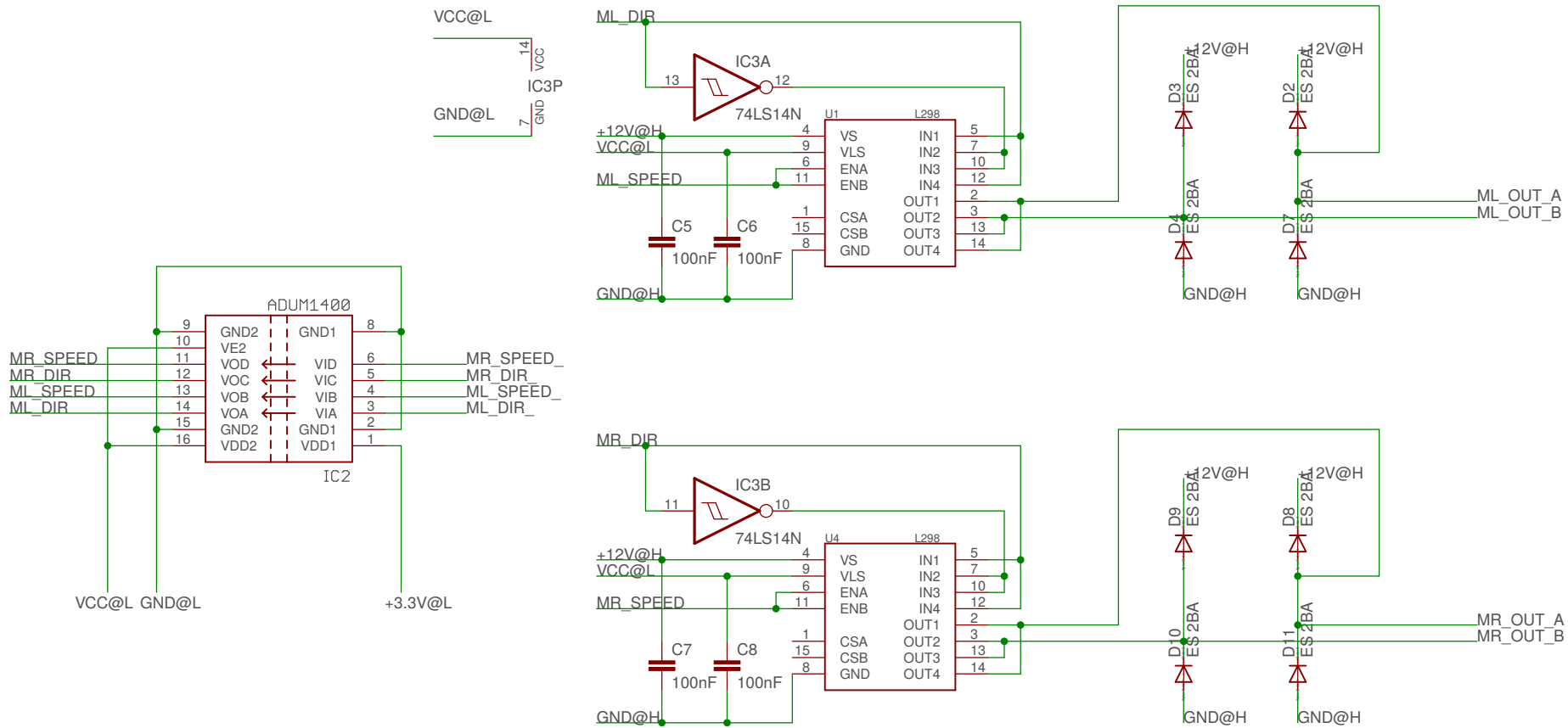
TITLE: Main

Document Number:

REV:

Date: 08.10.16 17:21

Sheet: 1/1



Output up to 6A, so we need 0.75mm² wire

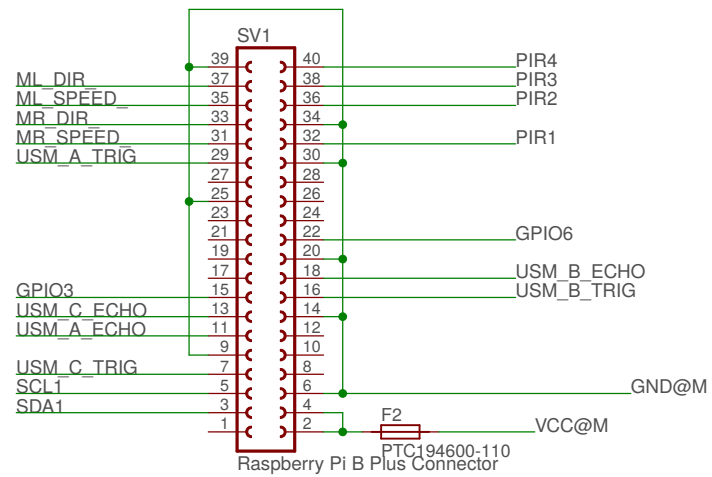
TITLE: Main

Document Number:

REV:

Date: 08.10.16 17:21

Sheet: 1/1



TITLE: Main	
Document Number:	REV:
Date: 08.10.16 17:21	Sheet: 1/1