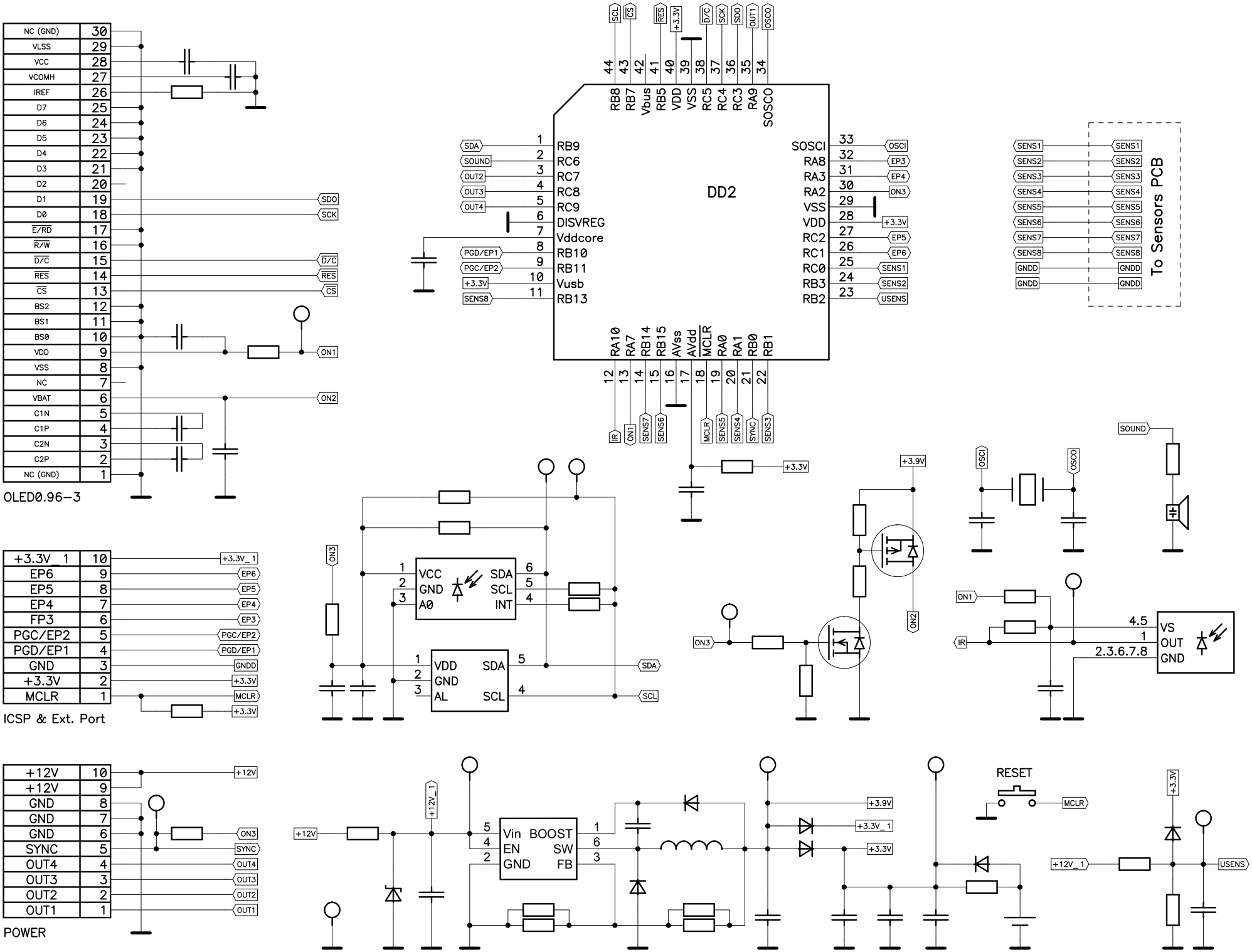
NC (GND) 30
VLSS 29
VCC 28
VCOMH 27
IREF 26
D7 25
D6 24
D5 23
D4 22
D3 21
D2 20
D1 19
D0 18
E/RD 17
R/W 16
D/C 15
RES 14
CS 13
BS2 12
BS1 11
BS0 10
VDD 9
VSS 8
NC 7
VBAT 6
C1N 5
C1P 4
C2N 3
C2P 2
NC (GND) 1
SDO
SCK
D/C
RES
CS
ON1
ON2
OLED0.96-3
DD2
RB9
RC6
RC7
RC8
RC9
DISVREG
Vddcore
RB10
RB11
Vusb
RB13
SOSCI
RA8
RA3
RA2
VSS
VDD
RC2
RC1
RC0
RB3
RB2
RA10
RA7
RB14
RB15
AVss
AVdd
MCLR
RA0
RA1
RB0
RB1
SDA
SOUND
OUT2
OUT3
OUT4
PGD/EP1
PGC/EP2
+3.3V
SENS8
OSCI
EP3
EP4
ON3
EP5
EP6
SENS1
SENS2
USENS
IR
SENS7
SENS6
SENS5
SENS4
SYNC
SENS3
SCL
CS
RES
+3.3V
D/C
SCK
SDO
OUT1
OSCO
SENS1
SENS2
SENS3
SENS4
SENS5
SENS6
SENS7
SENS8
GNDD
To Sensors PCB
+3.3V_1 10
EP6 9
EP5 8
EP4 7
FP3 6
PGC/EP2 5
PGD/EP1 4
GND 3
+3.3V 2
MCLR 1
ICSP & Ext. Port
VCC
GND
A0
SDA
SCL
INT
VDD
AL
+3.9V
OSCI
OSCO
SOUND
ON1
IR
4.5
1
2.3.6.7.8
VS
OUT
GND
+12V 10
+12V 9
GND 8
GND 7
GND 6
SYNC 5
OUT4 4
OUT3 3
OUT2 2
OUT1 1
POWER
+12V_1
Vin
EN
GND
BOOST
SW
FB
+3.9V
+3.3V_1
RESET
MCLR
USENS