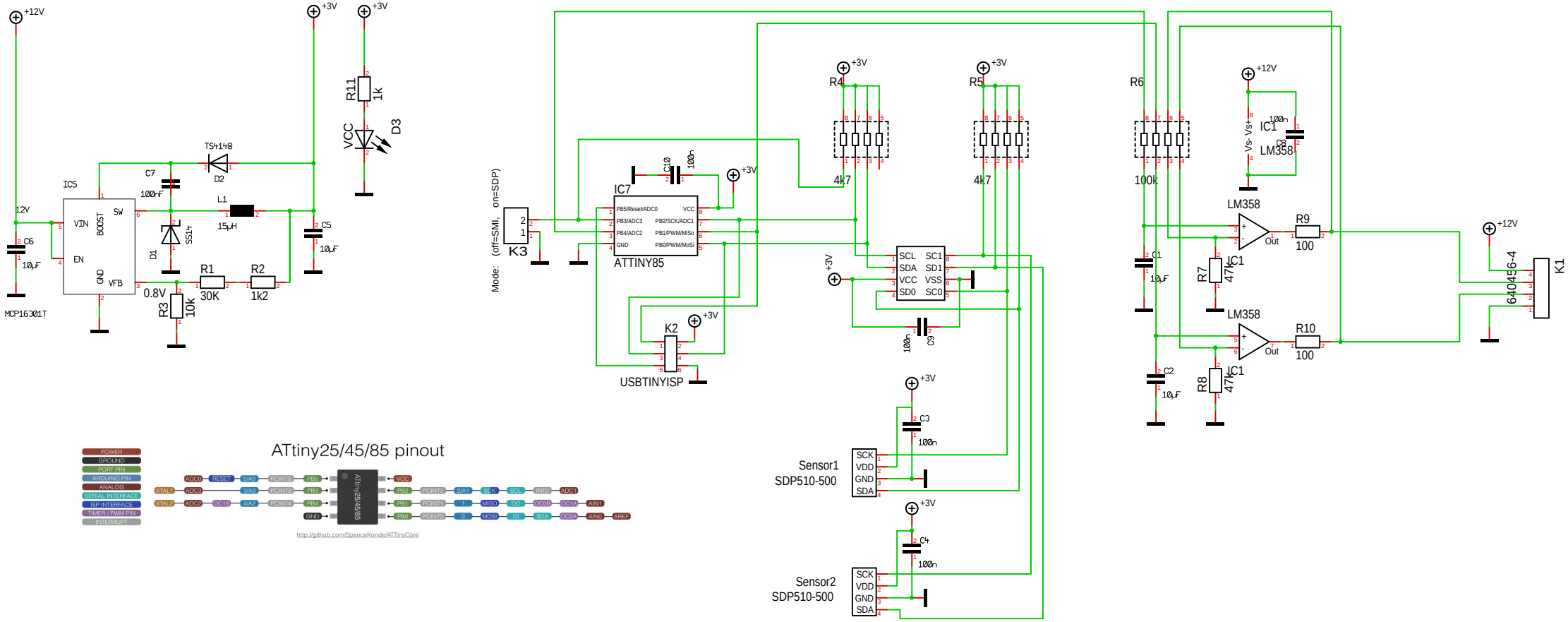
+12V
+3V
IC5
VIN
BOOST
SW
EN
GND
VFB
12V
C6
10µF
MCP16301T
C7
100nF
TS4148
D2
L1
15µH
D1
SS14
C5
10µF
0.8V
R1
30K
R2
1k2
R3
10k
R11
1k
VCC
D3
Mode: (off=SMI, on=SDP)
K3
IC7
PB5/Reset/ADC0
PB3/ADC3
PB4/ADC2
GND
VCC
PB2/SCK/ADC1
PB1/PWM/MiSo
PB0/PWM/MoSi
ATTINY85
C10
100n
K2
USBTINYISP
R4
4k7
R5
4k7
SCL
SDA
VCC
SD0
SC1
SD1
VSS
SC0
C9
100n
C3
100n
C4
100n
Sensor1
SDP510-500
Sensor2
SDP510-500
SCK
VDD
GND
SDA
R6
100k
IC1
LM358
C8
100n
R7
47k
R8
47k
R9
100
R10
100
C1
10µF
C2
10µF
Out
Vs-
Vs+
640456-4
K1
ATtiny25/45/85 pinout
POWER
GROUND
PORT PIN
ARDUINO PIN
ANALOG
SERIAL INTERFACE
ISP INTERFACE
TIMER / PWM PIN
INTERRUPT
http://github.com/SpenceKonde/ATTinyCore