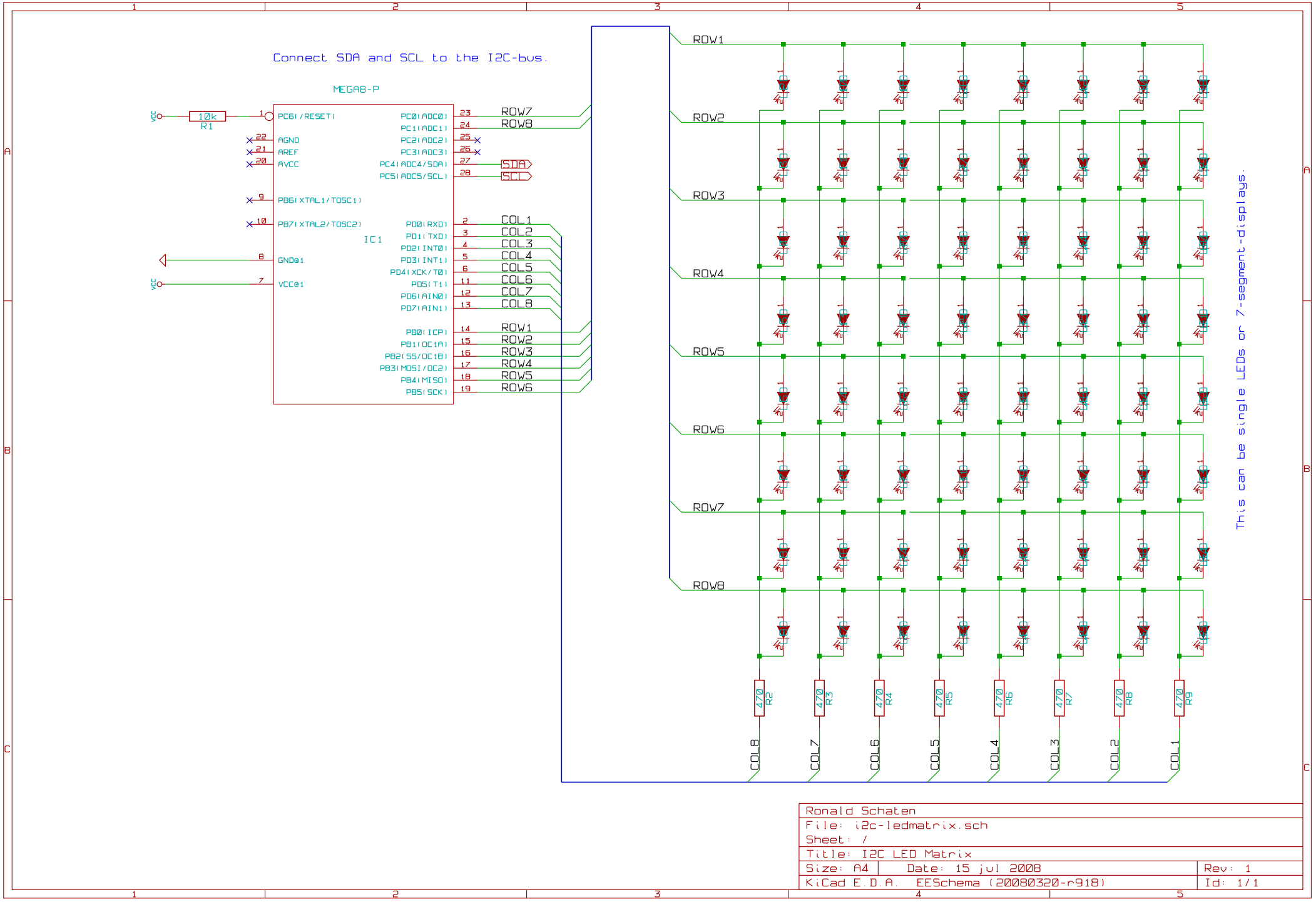
Connect SDA and SCL to the I2C-bus.
MEGA8-P
IC1
PC6(/RESET)
PC0(ADC0)
PC1(ADC1)
PC2(ADC2)
PC3(ADC3)
PC4(ADC4/SDA)
PC5(ADC5/SCL)
PB6(XTAL1/TOSC1)
PB7(XTAL2/TOSC2)
PD0(RXD)
PD1(TXD)
PD2(INT0)
PD3(INT1)
PD4(XCK/T0)
PD5(T1)
PD6(AIN0)
PD7(AIN1)
PB0(ICP)
PB1(OC1A)
PB2(SS/OC1B)
PB3(MOSI/OC2)
PB4(MISO)
PB5(SCK)
AGND
AREF
AVCC
GND@1
VCC@1
10k
R1
vcc
SDA
SCL
ROW1
ROW2
ROW3
ROW4
ROW5
ROW6
ROW7
ROW8
COL1
COL2
COL3
COL4
COL5
COL6
COL7
COL8
470
R2
R3
R4
R5
R6
R7
R8
R9
This can be single LEDs or 7-segment-displays.
Ronald Schaten
File: i2c-ledmatrix.sch
Sheet: /
Title: I2C LED Matrix
Size: A4
Date: 15 jul 2008
Rev: 1
KiCad E.D.A. EESchema (20080320-r918)
Id: 1/1