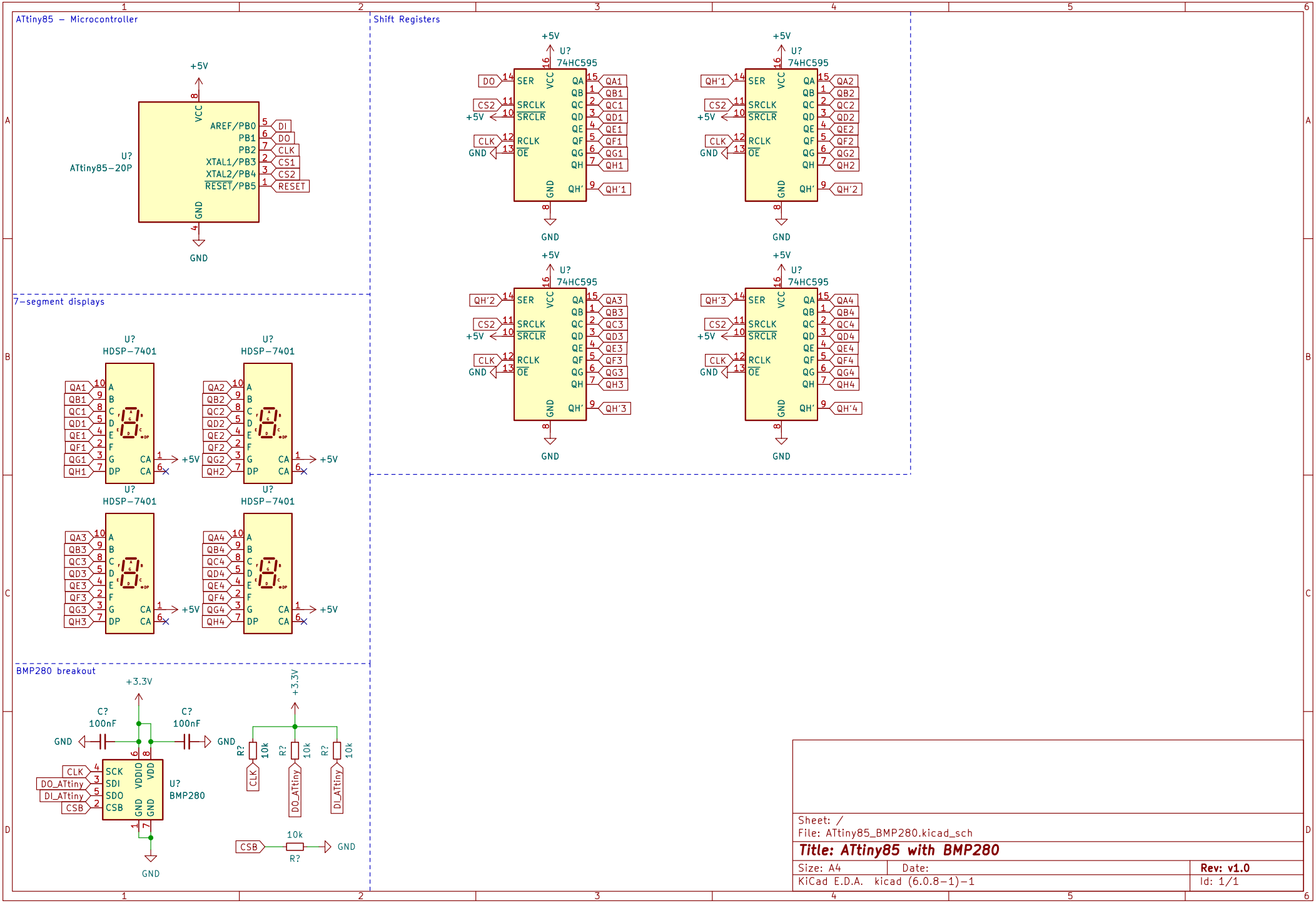
ATtiny85 – Microcontroller
+5V
VCC
AREF/PB0
PB1
PB2
XTAL1/PB3
XTAL2/PB4
RESET/PB5
GND
U?
ATtiny85-20P
DI
DO
CLK
CS1
CS2
RESET
Shift Registers
U?
74HC595
SER
SRCLK
SRCLR
RCLK
OE
QA
QB
QC
QD
QE
QF
QG
QH
QH'
DO
CS2
CLK
QH'1
QH'2
QH'3
QH'4
QA1
QB1
QC1
QD1
QE1
QF1
QG1
QH1
QA2
QB2
QC2
QD2
QE2
QF2
QG2
QH2
QA3
QB3
QC3
QD3
QE3
QF3
QG3
QH3
QA4
QB4
QC4
QD4
QE4
QF4
QG4
QH4
7-segment displays
U?
HDSP-7401
A
B
C
D
E
F
G
DP
CA
BMP280 breakout
+3.3V
C?
100nF
GND
U?
BMP280
SCK
SDI
SDO
CSB
VDDIO
VDD
CLK
DO_ATtiny
DI_ATtiny
R?
10k
CSB
Sheet: /
File: ATtiny85_BMP280.kicad_sch
Title: ATtiny85 with BMP280
Size: A4
Date:
Rev: v1.0
KiCad E.D.A. kicad (6.0.8-1)-1
Id: 1/1