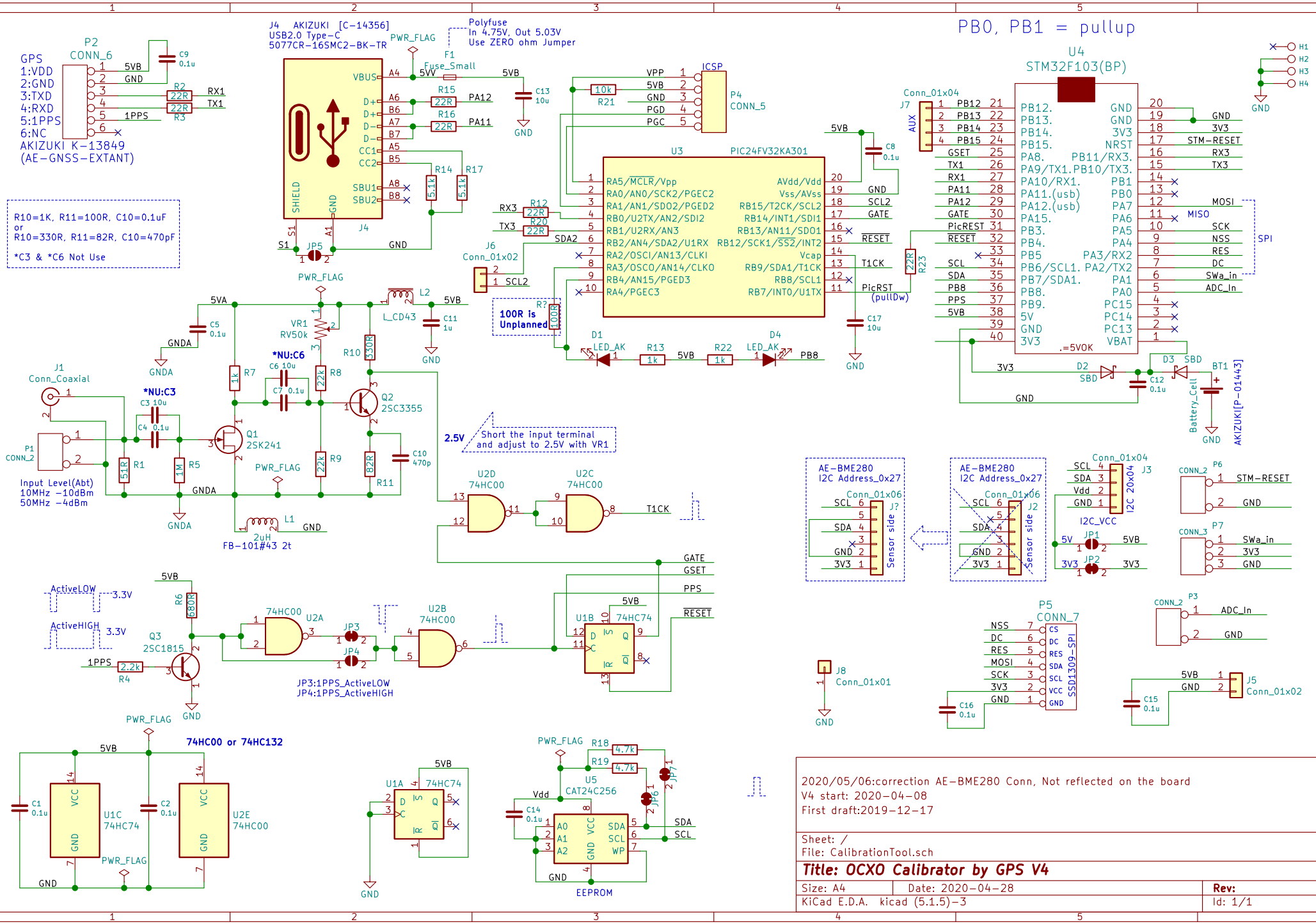
PB0, PB1 = pullup
P2
CONN_6
GPS
1:VDD
2:GND
3:TXD
4:RXD
5:1PPS
6:NC
AKIZUKI K-13849
(AE-GNSS-EXTANT)
J4 AKIZUKI [C-14356]
USB2.0 Type-C
5077CR-16SMC2-BK-TR
Polyfuse
In 4.75V, Out 5.03V
Use ZERO ohm Jumper
F1
Fuse_Small
U3
PIC24FV32KA301
ICSP
P4
CONN_5
U4
STM32F103(BP)
R10=1K, R11=100R, C10=0.1uF
or
R10=330R, R11=82R, C10=470pF
*C3 & *C6 Not Use
100R is Unplanned
*NU:C6
*NU:C3
Input Level(Abt)
10MHz -10dBm
50MHz -4dBm
FB-101#43 2t
2.5V
Short the input terminal
and adjust to 2.5V with VR1
74HC00 or 74HC132
JP3:1PPS_ActiveLOW
JP4:1PPS_ActiveHIGH
AE-BME280
I2C Address_0x27
Sensor side
I2C_VCC
SSD1309-SPI
EEPROM
2020/05/06:correction AE-BME280 Conn, Not reflected on the board
V4 start: 2020-04-08
First draft:2019-12-17
Sheet: /
File: CalibrationTool.sch
Title: OCXO Calibrator by GPS V4
Size: A4
Date: 2020-04-28
Rev:
KiCad E.D.A. kicad (5.1.5)-3
Id: 1/1