OCXO

File: OCXO.kicad_sch

DAC_CPU

File: DAC_CPU.kicad_sch

AVR-ISP-6

J1

VCC 2

MISO 1 MISO
MOSI 4 MOSI
SCK 3 SCK
RST 5 RST

GND 6

ADF 4350/4351 Program
_____
ISP1 - MISO = PB0 = LE
ISP4 - MOSI = PB1 = DATA
ISP3 - SCK  = PB2 = CLK

+5V

REF_V

C1
100n

U1
ATtiny85-20S

VCC 8

SCK MISO MOSI RST

AREF/PB0 5
PB1 6
PB2 7
XTAL1/PB3 2
XTAL2/PB4 3
RESET/PB5 1

GND 4

TP1
TestPoint

C2
4u7

C3
100n

R1  R2

4k7  4k7

J2

1     2
3     4

EXT I2C

External Alignment Jig
Connection

U2
MAX5217

VDD 7  REF 1

SCL 3
SDA 4

AUX 5
ADDR 2

GND 8

OUT 6

OCXO_F

PPM sync input

R3

470

J3

1
2

RV1
_____
Over Voltage Protection,
not always needed.

RV1
5V

CPU + DAC

Sheet: /DAC_CPU/
File: DAC_CPU.kicad_sch

**Title: OCXO with DAC control for PI4**

Size: A4 | Date: 2022-08-21 | **Rev: V1.2**
KiCad E.D.A.  kicad (6.0.11-0) | Id: 3/3

**CTI 10Mhz OCXO**

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File: OCXO.kicad_sch

**Title: OCXO with DAC control for PI4**

| Size: A4 | Date: 2022-08-21 | **Rev: V1.2** |
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V1.2 Errata
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Changed Output driver
to NB3L551

C13 – Not mounted
R5 – Not mounted

Not Mounted on PCB