



**POWER**

NO ← .MS

+9V-  
+5V-

.1uf  
L05  
+10uf  
.1uf

20K

LCD DISPLAY

OPTIONAL  
ICX0/0X0  
ACCURATE CLOCK  
OSC CAN  
U4

EXT FREQ STD

FREQUENCY COUNTER

U2  
74HC132

1M 820K

U1 16FXXX

4 Mhz XTAL

22 10 F CAL

4-20

PN2222

CRYSTAL OSCILLATOR

1000 4148 1K 1K PN2222 150 680 47K

SIGNAL CONDITIONING

470

MPF102

1M VER.3

X-CHECK ER

FDIM 2017 BUILDATHON

XTAL OSC/FREQ COUNTER

POWER ACTIVE STATUS

47pf 1000

SIGNAL EXTERNAL

XTAL I/O

1.5uf

DESIGNED by WIREX @QRPme

**ERROR**

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