GND
PTT IN
PTT OUT
KEY IN
KEY OUT
I.F. OUT
REF OUT 1

CONTROL

AUDIO IO

L1

MIC IN S/T OUT

C10 C11

IQ OUT

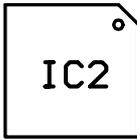TP +3.3

REF OUT 2

TP L.O.
C46
C45

L5 R49

GPS

R51
C48 R50

TRA_120_002

C54

C53

IC3
ADF
4153

PPS

TXD

RXD

GND

+3.3V
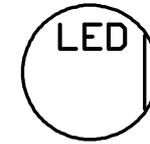
DB9
RS232

R10

C52

IC2

LED

C38

X1

MUX TP

[R9]

R15

SW1
CHAN

IC1
16LF877A

R38 R39
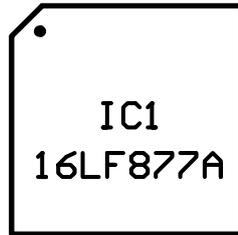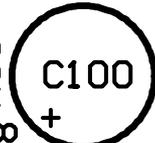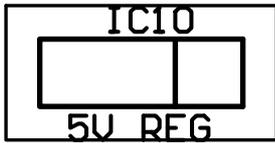
C100
+

R37

DC IN +

IC10

ICSP

5V REG

GND

+12V in

MCLR

+3.3V

GND

ICD DATA

ICD CLOCK