GPS UTC Clock and Locator Display with Arduino Nano and EM406 GPS Module
OZ1LQO 2014.07.07 – Opensource, feel free to use, alter, hack :)

LCD DISPLAY 16x2

GND
VCC
VEE
RS
R/W
E
D0
D1
D2
D3
D4
D5
D6
D7
BL+
BL-

Pos   Loc

10k   10k

Arduino Nano 3.0

9V

10k

Battery Monitor

10k

EM406 GPS

1 : GND
2 : VIN
3 : RX
4 : TX
5 : GND
6 : 1PPS

6 5 4 3 2 1

PCB

OZ1LQO UTC Clock
Rev 1.0 070714

waiting for gps

08h14m06s UTC LO
08.07.14 8.09V

5609.3808N
01010.6340E

Locator:
JO56cd