JP1
input

JP5

JP2

JP4

VCC

VCC

VCC

VCC

VDD

VDD

GND

GND

GND

GND

GND

GND

GND

R1
1k

R2
180

R6
4.7k

R5
4.7k

R3
4.7k

R4
4.7k

C1
1uF

C2
10nF

U2
CTG   SDA
CELL   SCL
VDD   QST
GND   ALT
GND
EP
MAX1704X

SDA
SCL
QST
ALT

ALT