



Li-Ion battery

To measure
battery
voltage level

Supply voltage for LM50 (min. is 4,5V)
Step-up converter.
"PFM Control DC-DC boost converter module" from ebay

HC-06 (HC-04)

3,3V 8MHz Version

4x10k
Voltage =
Battery / 4

3.3V

2 x
LM50

47k

LM385

Aref
capacitor
& pin 20

1,235V
Connect this
to Aref pin of
Mega328

BT Mode
indicator

1k

