# INTELLIGENT POWER SOURCE SELECTOR NODE SCHEMATICS



7.4V
PWR_FLAG
U1
L7805
1  IN  OUT  3
GND
5V
2
BT1
Battery
PWR_FLAG
GND
GND

7.4V
VIN  30
3V3  17
+5V  27
D0/RX  2
D1/TX  1
HC12_TX  D2  5
HC12_RX  D3  6
D4  7
HC12_SET  D5  8
D6  9
D7  10
PZEM_TX  D8  11
PZEM_RX  D9  12
D10  13
D11  14
D12  15
D13  16
RESET  28
RESET  3
AREF  18
A0  19
A1  20
A2  21
A3  22
A4  23
A5  24
A6  25
A7  26
GND  4
GND  29
A1
Arduino_Nano
GND

J1
HC12
1  5V
2
3  HC12_RX
4  HC12_TX
5  HC12_SET
GND

J2
PZEM_004T
1  5V
2  PZEM_RX
3  PZEM_TX
4
GND