Battery – 3.3V mgmt

Vbat

BT1
Battery_Cell

IC1
TC1264-3.3VDB

1 VIN
2 GND_1
3 VOUT

GND

+3V3

C1
1u

GND

Battery Voltage Divider for Attiny ADC

Vbat

R1
3k

VbatWatch

R2
3k

GND

Soil Mosture Sensor (SEN-13322 Sparkfun)

+3V3
1
GND
2
3

J1
Conn_01x03

SIG

Mechanical Fixtures

H1
MountingHole

H2
MountingHole

ESP01 – Attiny85

C2
1u

+3V3

R4
10k

U2
ESP8266-01/ESP-01

+3V3

C3
1u

GND

+3V3

VCC
8

GND

7 RST
6 EN

VCC
8

IO0
3
IO2
2

U1
ATtiny85-20P

AREF/PB0 5
PB1 6
PB2 7
XTAL1/PB3 2
XTAL2/PB4 3
RESET/PB5 1

4 RXD
5 TXD

GND
1

VbatWatch
SIG

+3V3

R3
10k

R5
22

R6
10k

Q1
Q_NMOS_GSD

GND

GND
4

GND

Open Hardware

MQTT Moisture Sensor

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