Broker Raspberry Pi3 1Gb

Broker Raspberry Pi4 4Gb
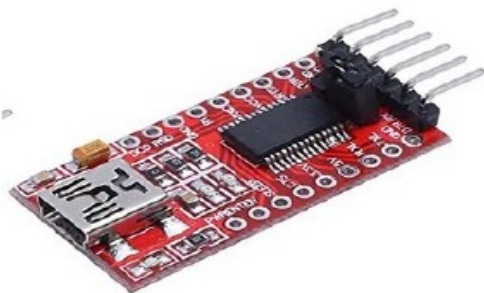
Broker Raspberry Pi5 8Gb

USB FTDI used during developement

pico_w rp2040 with Wifi

pico2_w rp2350 with Wifi

pi3-3 remotes 7 8 9   MQTT


```
                                    devel@pi3-3: ~
File   Edit   Tabs   Help
devel@pi3-3:~ $ ./scripts-rpi/mosquitto/mos.sh
1756337291: mosquitto version 2.0.11 starting
1756337291: Config loaded from /etc/mosquitto/mosquitto.conf.
1756337291: Opening ipv4 listen socket on port 1883.
1756337291: Opening ipv6 listen socket on port 1883.
1756337291: mosquitto version 2.0.11 running
devel@pi3-3:~ $ 1756337292: New connection from 192.168.12.108:60880 on port 188
3.
1756337292: New client connected from 192.168.12.108:60880 as remote9 (p2, c1, k
10, u'testuser').
1756337297: New connection from 192.168.12.120:55933 on port 1883.
1756337297: New client connected from 192.168.12.120:55933 as remote7 (p2, c1, k
10, u'testuser').
1756337299: New connection from 192.168.12.106:64474 on port 1883.
1756337299: New client connected from 192.168.12.106:64474 as remote8 (p2, c1, k
10, u'testuser').
1756337314: Client remote7 has exceeded timeout, disconnecting.
1756337320: New connection from 192.168.12.120:57063 on port 1883.
1756337320: New client connected from 192.168.12.120:57063 as remote7 (p2, c1, k
10, u'testuser').
```

pi3-3 remotes 7 8 9


```
                                    devel@pi3-3: ~
File   Edit   Tabs   Help
devel@pi3-3:~ $ ./scripts-rpi/mosquitto/mos-q.sh
T = 35.10 C 0x048 batt = 0.06 remote8
T = 35.56 C 0x048 batt = 0.06 remote7
T = 35.56 C 0x044 batt = 0.05 remote9
devel@pi3-3:~ $
```

pi3-37 remote 5

```
devel@pi3-37: ~                                              ⌄  ∧  ✕
File  Edit  Tabs  Help
1756340147: mosquitto version 2.0.11 running
devel@pi3-37:~ $ 1756340151: New connection from 192.168.32.106:55787 on port
1883.
1756340151: New client connected from 192.168.32.106:55787 as remote5 (p2, c1,
 k10, u'testuser').
devel@pi3-37:~ $ 1756340201: Client remote5 has exceeded timeout, disconnectin
g.
1756340203: New connection from 192.168.32.106:51600 on port 1883.
1756340203: New client connected from 192.168.32.106:51600 as remote5 (p2, c1,
 k10, u'testuser').
```

pi3-37 mos-q

```
devel@pi3-37: ~                                              ⌄  ∧  ✕
File  Edit  Tabs  Help
devel@pi3-37:~ $ ./scripts-rpi/mosquitto/mos-q.sh
T = 34.16 C 0x03b batt = 0.05 remote5
devel@pi3-37:~ $
```

pi4-20 remote5


```
devel@pi4-20:~ $ ./scripts-rpi/mosquitto/mos.sh
1756339210: mosquitto version 2.0.11 starting
1756339210: Config loaded from /etc/mosquitto/mosquitto.conf.
1756339210: Opening ipv4 listen socket on port 1883.
1756339210: Opening ipv6 listen socket on port 1883.
1756339210: mosquitto version 2.0.11 running
devel@pi4-20:~ $ 1756339217: New connection from 192.168.16.114:62939 on port
1883.
1756339217: New client connected from 192.168.16.114:62939 as remote5 (p2, c1,
 k10, u'testuser').
devel@pi4-20:~ $
```

pi4-20 mos-q


```
devel@pi4-20:~ $ ./scripts-rpi/mosquitto/mos-q.sh
T = 27.61 C 0x050 batt = 0.06 remote5
devel@pi4-20:~ $
```

pico_w L288
Proto-type
PCB layout to
Contol a water
Valve.