Core ESP32

Geekcreit
ESP32 WROOM

V-Groove

5V I/O
5V I/O
5V I/O

John Plocher
2019.03

Open Source
Hardware

IO4    J4
IO4    J5
IO4    J6

IO-B
IO-C
IO-D

5v  D4  D5  D32  D33  Gnd
5v  D18  D19  D23  D25  Gnd
5v  D26  D13  D27  D14  Gnd

BSS138

78M05

78M05B

10k    R17 R18 R15 R16 R19 R20 R21 R22 R23 R24 R25 R26 R27

VR5.0

10k

1.0uF    10uF

R4 R5 R2 R3 R6 R7 R8 R9 R10 R11 R12 R13 R14    R28

150uF    C4

7.5-12vDC
1.5A

+    VIN
-

Gnd RX2 TX2 RX1 TX1 3v3

SDA
SCL
3v3
Gnd

Gnd 3v3 SCL SDA

SCL SDA V+ gnd

I2C

128x32
-or-
128x64

I2C OLED
SSD 1306

SCL
SDA
V+
gnd

VIN

3v3 I/O

SDA SCL 3v3 Gnd

I2C

Field Unit
Core ESP32

v2.4

V-Groove

John Plocher  3.17" Tyco Rail 10cm Template

v2.4

0603
2019.03

100.00mm

Changes:
Convert old CodeLine connector to IO4 "D"
Beefed up VIN traces

8/7/20 3:00 PM  f=1.80  /Users/plocher/Dropbox/eagle/onGitHub/Core-ESP32/Core-ESP32.brd