POWER_JACKPTH

D1
4A/40V

J2

GND

U2

VIN   VIN1+*2   VIN+   VOUT+   VOUT1+*2   VOUT

VIN1-*2   VIN-   VOUT-   VOUT1-*2

MP2307-MODULE

If using D-SUN MP2307 module, replace
trimpot with 820K and 47K in parallel
to get 5V Vout.

F1
MF-LSMF300/24X-2

D2
SMBJ5.0A

C4
100nF

GND

Q1
DMG2305UX

U4

DMMT5401

C1   E1   B2   C2

C1   B1   B2

R12
47K

GND

10K
R11

GND   GND

5V

C5
470uF

470R
R17
DNL

D3
RED
DNL

GND

GND

PI_3V3   5V

J1

1   1   2   2
3   3   4   4
5   5   6   6
7   7   8   8   UART_TX
9   9   10   10
GPIO17_LDR   11   11   12   12   GPIO18_PWM
13   13   14   14
15   15   16   16
17   17   18   18
19   19   20   20
21   21   22   22
23   23   24   24
ID_SDA   27   25   25   26   26   28   ID_SCL
27   27   28   28
29   29   30   30
31   31   32   32
33   33   34   34
35   35   36   36
37   37   38   38
39   39   40   40

M20X2

GND   GND

5V

6K2
R3
LDR

PHOTOCELL

1
2

LDR   LDR

10K
R2
LDR

GPIO17_LDR

C1
1uF
LDR

GND   GND

5V

M02PTH

1
2

JP1
PWM

GPIO18_PWM

Q2
PWM

10K
R4
PWM

GND

rpi-zero-psu

03-Apr-18 10:16 AM   Joo Aun Saw

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