Parker 3DM-CV7

VCC

F1

R1
1.0K
0402

C1
0.1uF
16v
GND

C2
0.1uF
16v
GND

C3
10pf
16v
GND

LD1
LED_Generic
GND

IMU1
SMD

D-   1   USB_D-   GPIO3   6
D+   2   USB_D+   GPIO1   7
      3   VCC   GND   8
Rx   4   RxD   GPIO2   9
Tx   5   TxD   GPIO4   10

3DM-CV7

GND

MC1 M2.5
GND

MC2 M2.5
GND

MC3 M2.5
GND

Serial TTL Connection

J1
87438-0643

1
2
3   Rx
4   Tx
5
6

F2

C4
0.1uF
16v
GND

+5V

C5
0.1uF
16v
GND

GND

R4
0
0402

Rx   1   U1
DMP2240UW

R6
1.0K
0402

Rx
LED

LD2
LED_Generic
GND

VCC

R5
0
0402

Tx   1   U2
DMP2240UW

R7
1.0K
0402

Tx
LED

LD3
LED_Generic
GND

VCC

USB Connection

USB1
1734328-1

VBUS

1   VDD
2   D-
3   D+
4   ID

6   SLD
7   SLD
8   SLD
9   SLD

GND   5

GND

D_conn-
D_conn+

R2
0
0402

CH1

R3
0
0402

D-
D+

MOTUS

Designer: Borja Herranz

Sheet: /
File: dev_board_3DM-CV7-AR.kicad_sch

Title: Dev Board 3DM-CV7

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KiCad E.D.A. kicad (7.0.0)

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