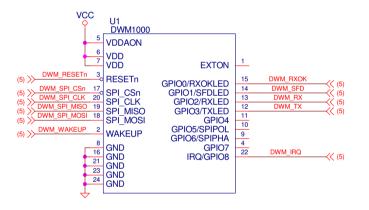
Rev

1.0



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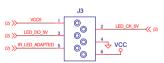
75634 Paris Cedex 13 France

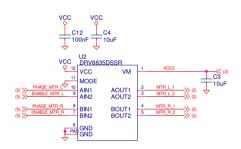
DWM1000 Size A

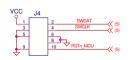
Modification Date: 16/11/2016 at 13:02:15 Sheet: 01 / 05 В

SwARM_Schematics

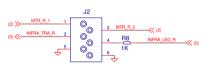
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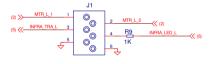






С





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SwARM_Schematics

 Size
 B
 Motors, LEDs and SWD connectors

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В

MOL-47346-0001 J5

000

В

MBRA140 D2

C6 1uF

VCC C5 1uF

Q2 NTR2101PT1G

D

Rev 1.0

SwARM_Schematics

Power control related components

MCP73831T-2AC/OT 3 3 5 PROG 2 10K K J7 VCC TEMP MOL22-05-3031 VBUS 2 DM 3 DP 4 ID 5 GND C2 10uF R15 100K Q7 [R14 100K 2N7002 NTR2101PT1G

8

R7 100K

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SwARM_Schematics

MCU

C13 C10 T100nF VCC VBAT R3 4,7K 46 49 50 PA13/JTMS/SWDIO PA14/JTCK/SWCLK PA15/JTDI PB3/JTDO PB4/JNTRST vcc R5 4,7K C19 18pF QZ 5 PF0/OSC_IN PF1/OSC_OUT воото JUMPER 2PTS R11 10K RSTn PD2 54

C17 C9 100nF 10uF

VCC VCC U6 STM32F302R6T6 3 3 2 2

Rev 1.0

В С

 $\begin{array}{c|c} VCC & VCC \\ \hline & C21 & C11 \\ \hline & 100nF & 10nF \end{array}$ VCC | 13 | VDD | VDDIO | VDDIO

REGOUT 10 C7 RESV_GND 100nF

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D

SwARM_Schematics

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