NUCLEO64 STM32G4

MB1367

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U_mb1367_Top
mb1367_Top.SchDoc

Legend

General comment such as function title, configuration, ...

Text to be added to silkscreen.

Warning text.

Notes to generate the board layout.

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Title: **Project overview**		
Project: **NUCLEO64 STM32G4**		
Variant: G491RE		
Revision: C-05		Reference: MB1367
Size: A4	Date: 07-FEB-22	Sheet: 1 of 8

life.augmented

Title: **Top hierarchical view**		
Project: **NUCLEO64 STM32G4**		
Variant: G491RE		
Revision: C-05		Reference: MB1367
Size: A4	Date: 07-FEB-22	Sheet: 2 of 8

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Title: **STM32 microcontroller I/Os**		
Project: **NUCLEO64 STM32G4**		
Variant: G491RE		
Revision: C-05		Reference: MB1367
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Title: **STM32 microcontroller power part**		
Project: **NUCLEO64 STM32G4**		
Variant: G491RE		
Revision: C-05		Reference: MB1367
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Title: **Arduino & Morpho extension connectors**		
Project: **NUCLEO64 STM32G4**		
Variant: G491RE		
Revision: C-05		Reference: MB1367
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VIN / 5V PWR

VDD PWR

5V PWR SELECTION

VREF PWR

To have VREF at 3,25V, then SB14 is not fitted. This is the default configuration.
To have VREF at 2,5V, then SB14 is fitted and R34 is not fitted

Title: **Main power 5V / 3V3**		
Project: **NUCLEO64 STM32G4**		
Variant: G491RE		
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Title: **STLINK_V3E**		
Project: **NUCLEO64 STM32G4**		
Variant: G491RE		
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HW101
BOARD REF
MBxxxxy-zz syywwxxxxx

HW102
BOARD CPN
NUCLEO-G4xxRx

HW108
ES
ES

HW100
PCB
MBxxxxy

HW103
LOGO NUCLEO

HW106
LOGO ST

HW104
LOGO CE

HW107
LOGO ESD

HW105
LOGO ROHS

HW110

LQFP64_socket

Title: **Mechanical**		
Project: **NUCLEO64 STM32G4**		
Variant: G491RE		
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Project: NUCLEO64 STM32G4	
Layer: .GM15	Gerber: M14-Top Assembly
Variant: G491RE	Ref: MB1367
Date: 07-FEB-22	Rev: C

Project: NUCLEO64 STM32G4	
Layer: .GM14	Gerber: M15-Bottom Assembly
Variant: G491RE	Ref: MB1367
Date: 07-FEB-22	Rev: C

Top Overlay .GBO

Bottom Overlay .GTO