

STM32F429I-DISC1

MB1075

Table of contents

- Sheet 1: Project overview (this page)
- Sheet 2: Top
- Sheet 3: STM32F429ZIT6 MCU
- Sheet 4: SDRAM 64Mbits
- Sheet 5: USB_OTG_FS
- Sheet 6: LCD 2.4"
- Sheet 7: Peripherals
- Sheet 8: ST-LINK/V2-B (SWD only)

Legend

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

Text to be added to silkscreen.

Warning text.

Notes to generate the board layout.

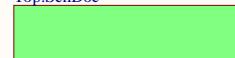
Open Platform License Agreement

The Open Platform License Agreement ("Agreement") is a binding legal contract between you ("You") and STMicroelectronics International N.V. ("ST"), a company incorporated under the laws of the Netherlands acting for the purpose of this Agreement through its Swiss branch 39, Chemin du Champ des Filles, 1228 Plan-les-Ouates, Geneva, Switzerland.

By using the enclosed reference designs, schematics, PC board layouts, and documentation, in hardcopy or CAD tool file format (collectively, the "Reference Material"), You are agreeing to be bound by the terms and conditions of this Agreement. Do not use the Reference Material until You have read and agreed to this Agreement terms and conditions. The use of the Reference Material automatically implies the acceptance of the Agreement terms and conditions.

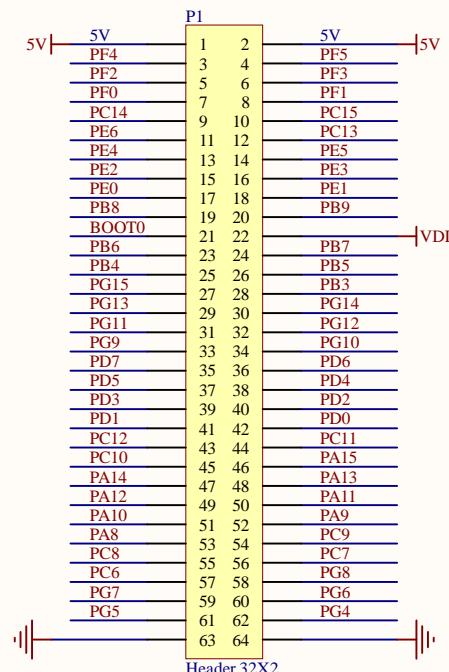
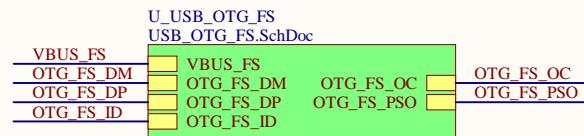
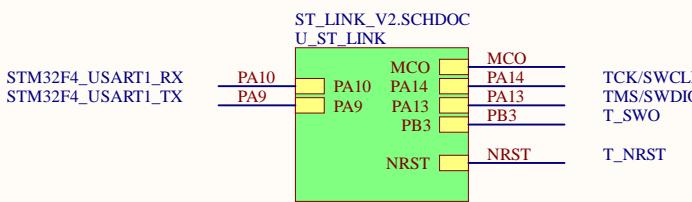
The complete Open Platform License Agreement can be found on www.st.com/opla.

U_Top
Top.SchDoc

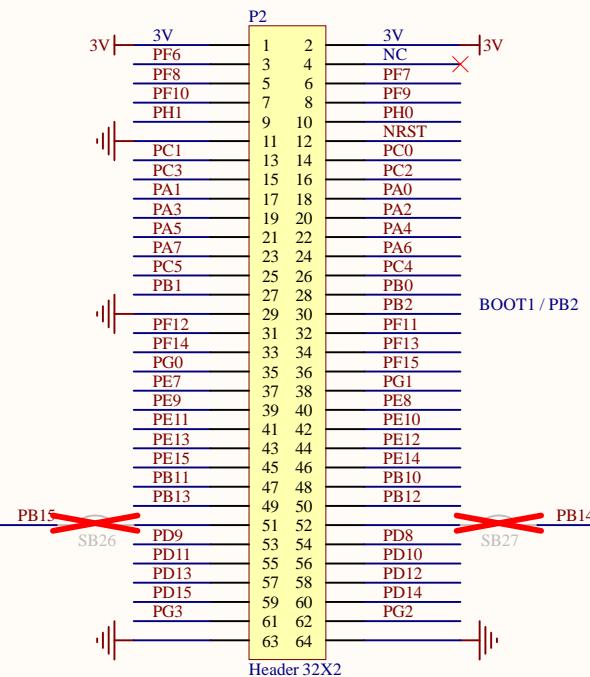
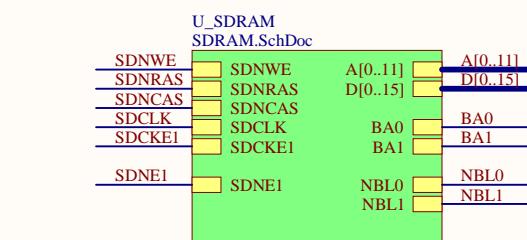
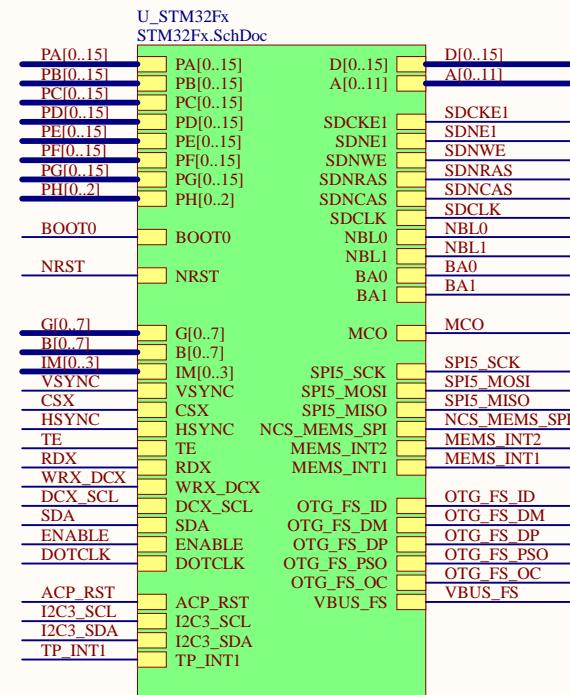
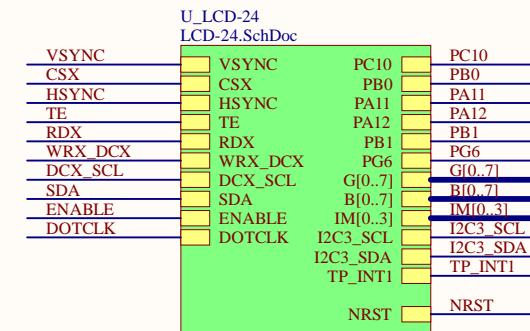


Title: Project overview	Project: STM32F429I-DISC1
Variant: F429I	
Revision: E-01	Reference: MB1075
Size: A4	Date: 11-MAY-2020
	Sheet: 1 of 8



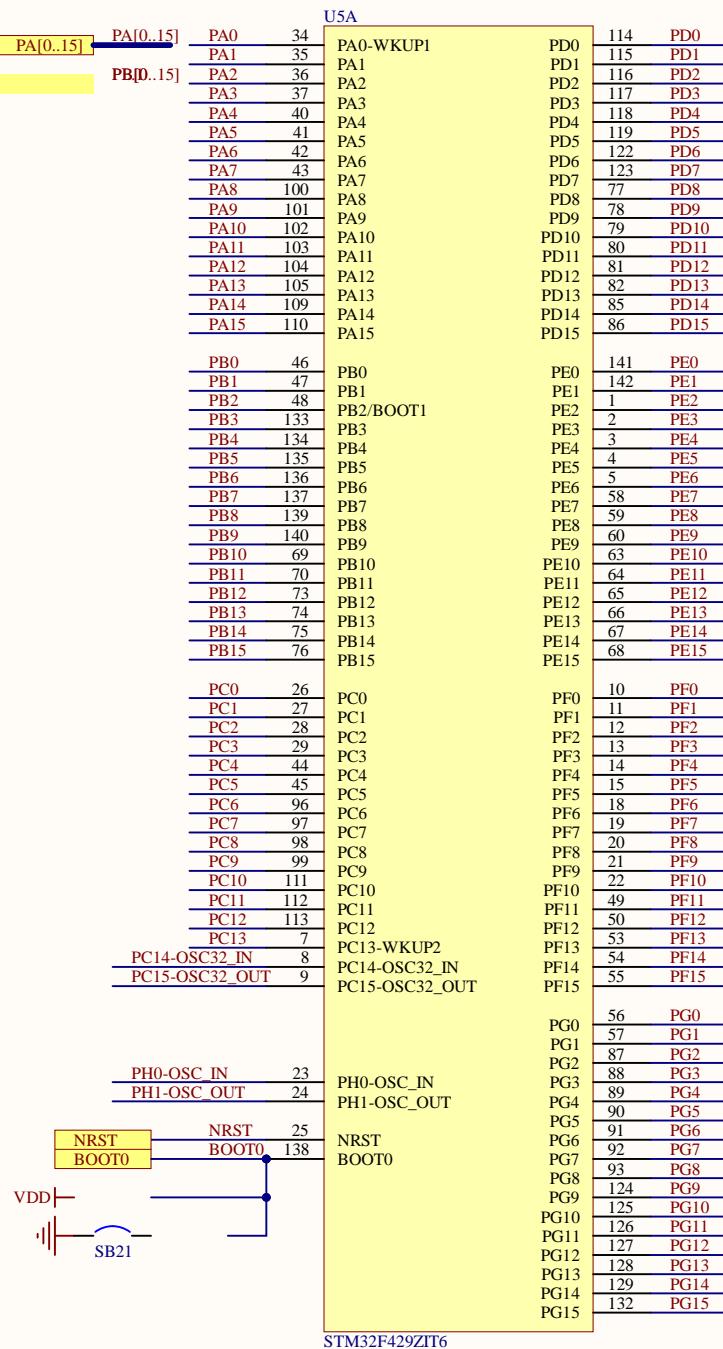


STICKER PRODUCT HW8 STICKER BOARD HW9

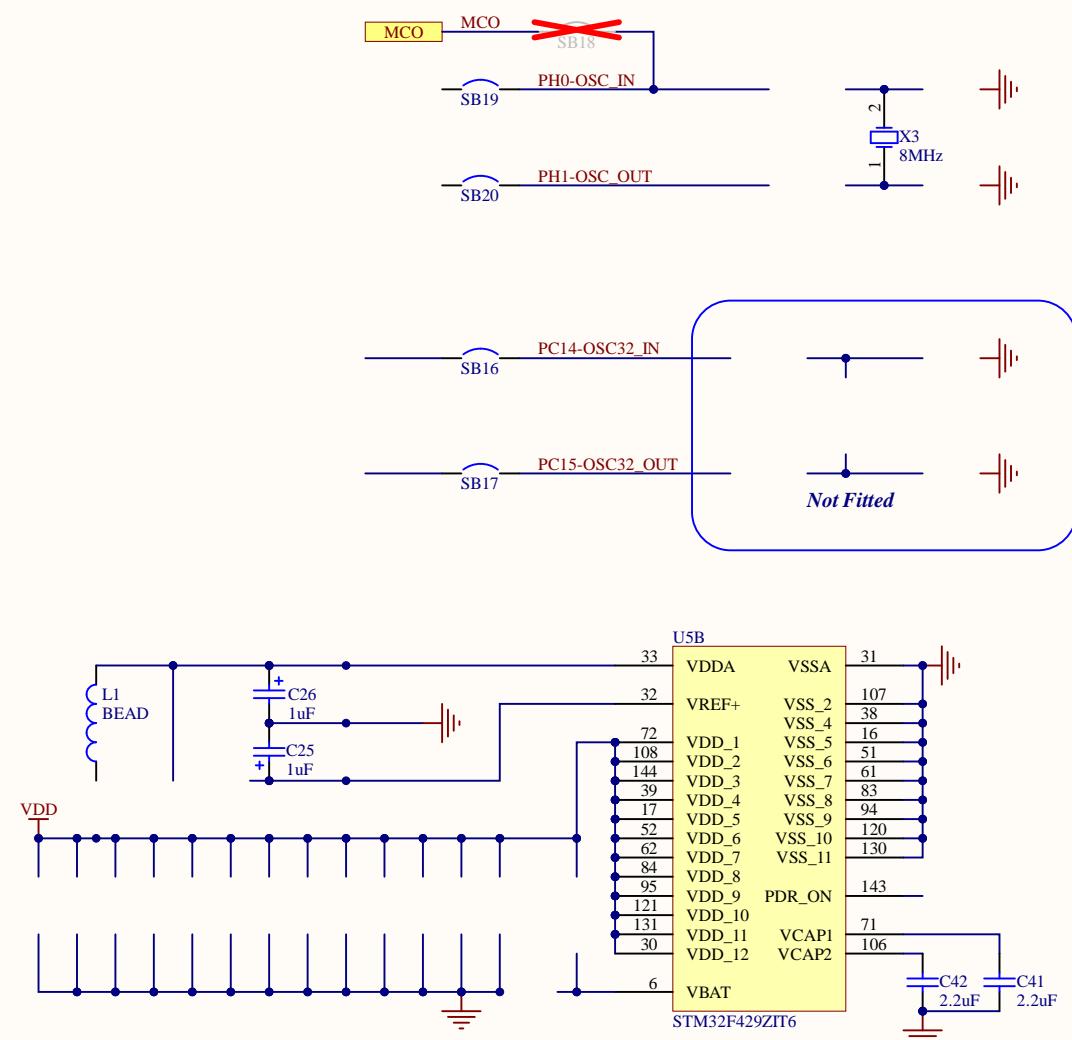


Title: Top	
Project: STM32F429I-DISCI	
Variant: F429I	
Revision: E-01	Reference: MB1075
Size: A4	Date: 11-MAY-2020
	Sheet: 2 of 8





STM32F429ZIT6



Title: STM32F429ZIT6 MCU

Project: STM32F429I-DISCI

Variant: F429I

Revision: E-01

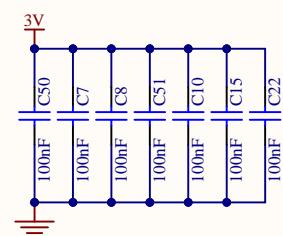
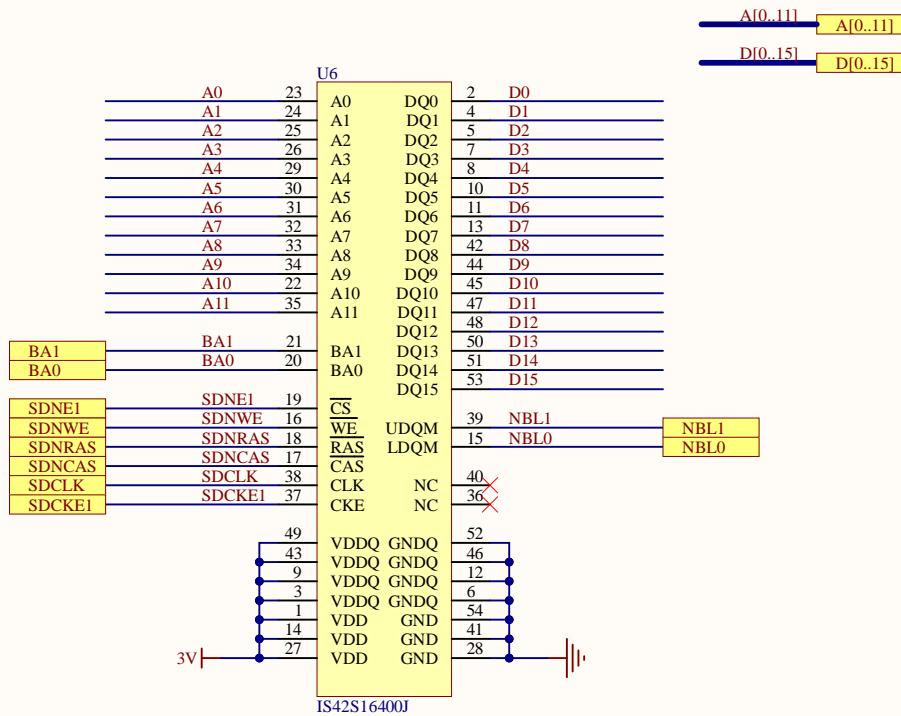
Size: A4

Date: 11-MAY-2020

Reference: MB1075



Sheet: 3 of 8



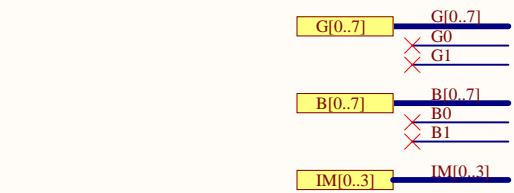
Place close SDRAM

Title: SDRAM 64Mbits	
Project: STM32F429I-DISC1	
Variant: F429I	
Revision: E-01	Reference: MB1075
Size: A4	Date: 11-MAY-2020
Sheet: 4 of 8	

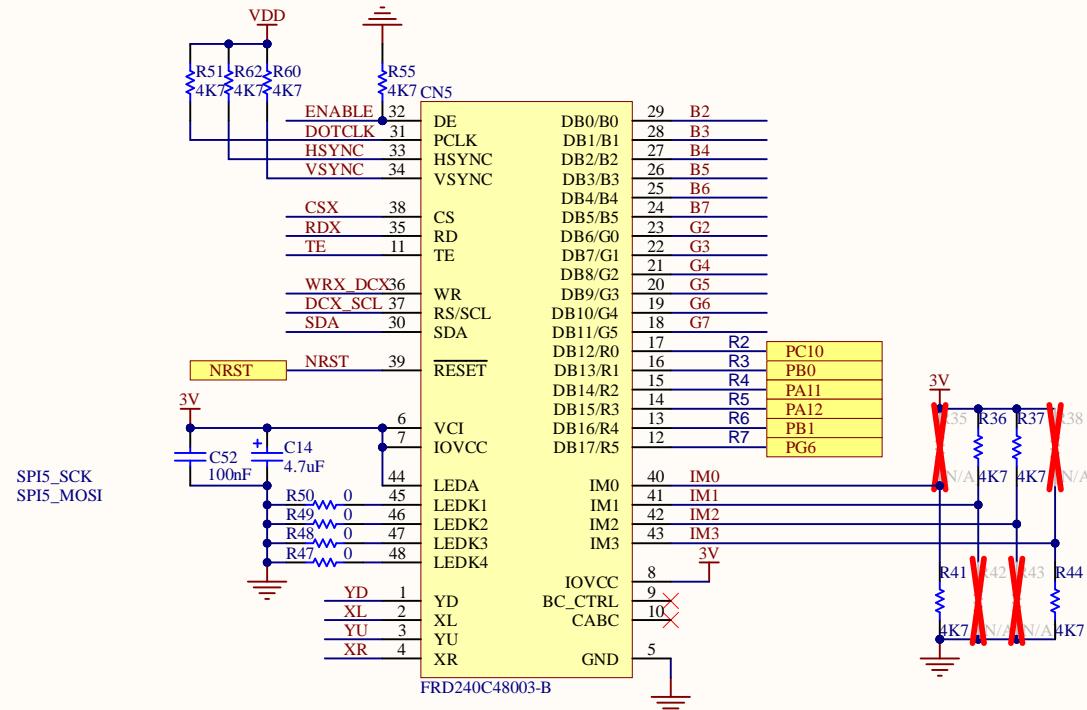


Title: [USB_OTG_FS](#)

Revisi	Reference:
Size: A4	Sheet: 5 of 8



VSYNC	VSYNC
CSX	CSX
H SYNC	H SYNC
TE	TE
RDX	RDX
WRX_DCX	WRX_DCX
DCX_SCL	DCX_SCL
SDA	SDA
ENABLE	ENABLE
DOTCLK	DOTCLK



IM[0..3] = 0110 --> 4-wire 8-bit serial I, SDA:In/Out

