Table of Contents

- 1. Logic Board 1A Block Diagram (This Page)
- 2. STM32MP157CAC3 MPU
- 3. Board to Board Connectors
- 4. Power Management IC
- 5. 4GB eMMC Storage
- 6. 512MB DDR3L SDRAM

Design Notes

- 1. Wireless Connectivity is removed for the sake of simplicity and testing purposes.
- 2. Seperate development boards are made for Wireless to test on STM31MP157C-DK2.

Important Note:

Always match the compatible revision numbers carfully.

PCB Revision number — 1.0.0 BOM Revision number — 1.0.0 Assembly docs Rev number — 1.0.0 Fabrication file Rev number — 1.0.0

Reference Docs

1. Reference schematic details:

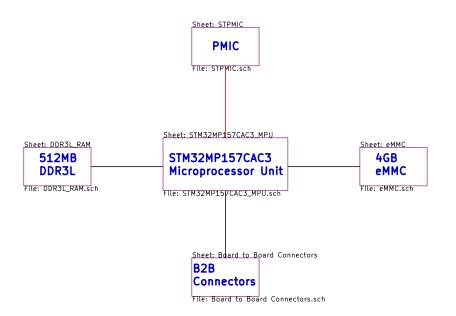
Reference: MB1272

Project: STM32MP15-Disco

Variant: DK2 Revision: C-01 Date: 12-SEP-18

- 2. STM32MP157C/F Datasheet
- 3. AN5031 Appilication Note
- 4. AN5122 Application Note

BLOCK DIAGRAM



LOGIC BOARD 1A TOP PAGE (LB1A_DCA7M4_R512MB_F4GB)

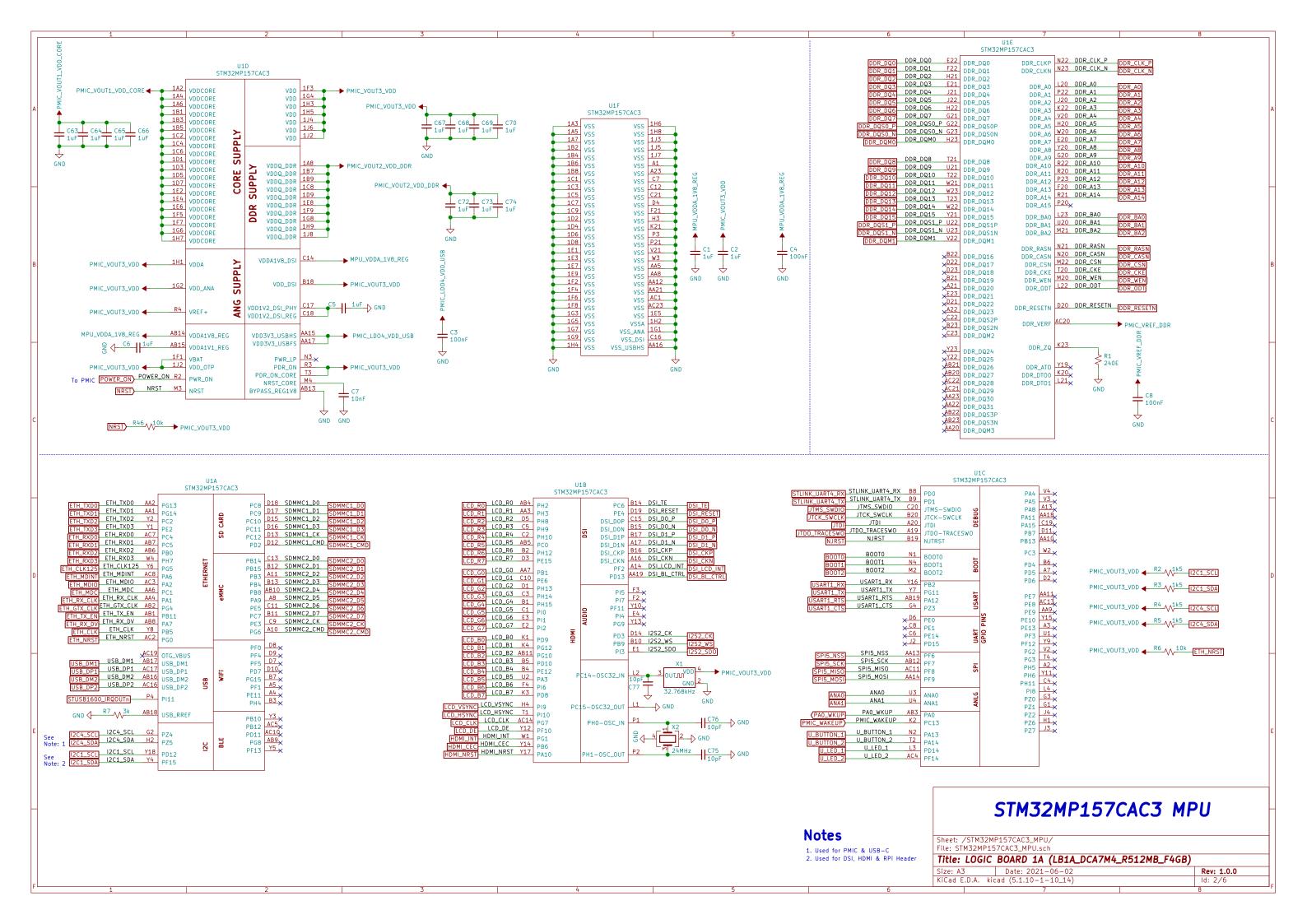
| Sheet: /

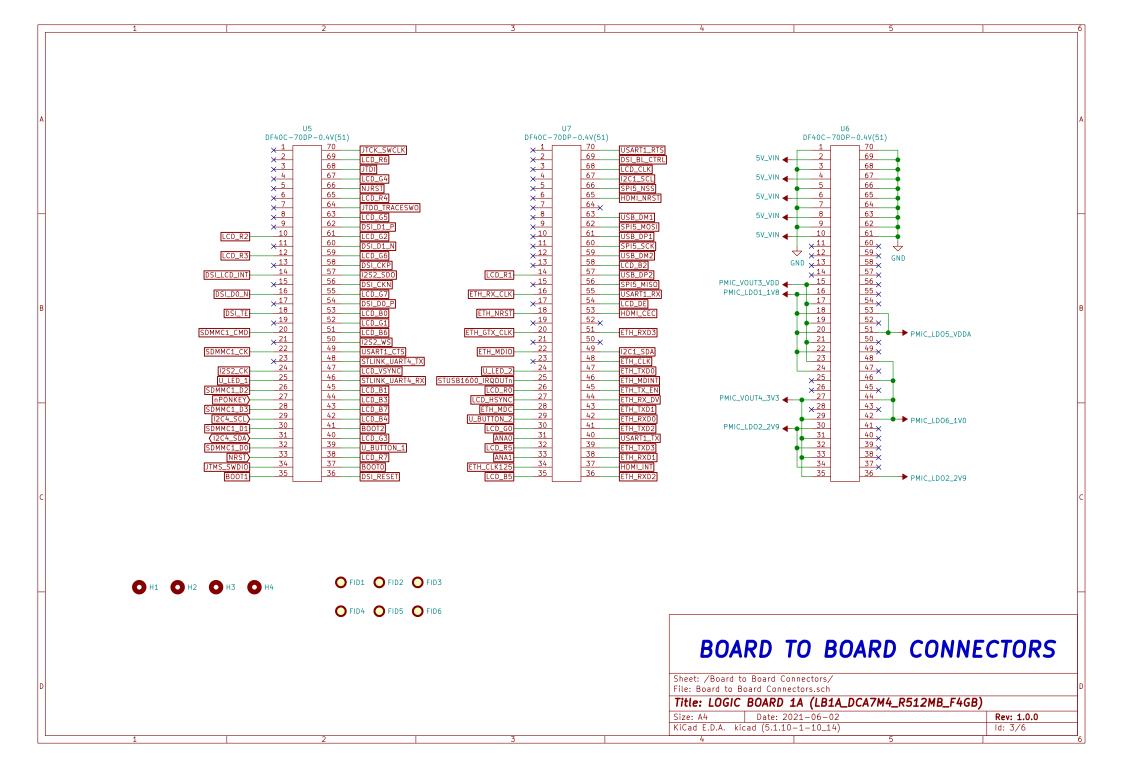
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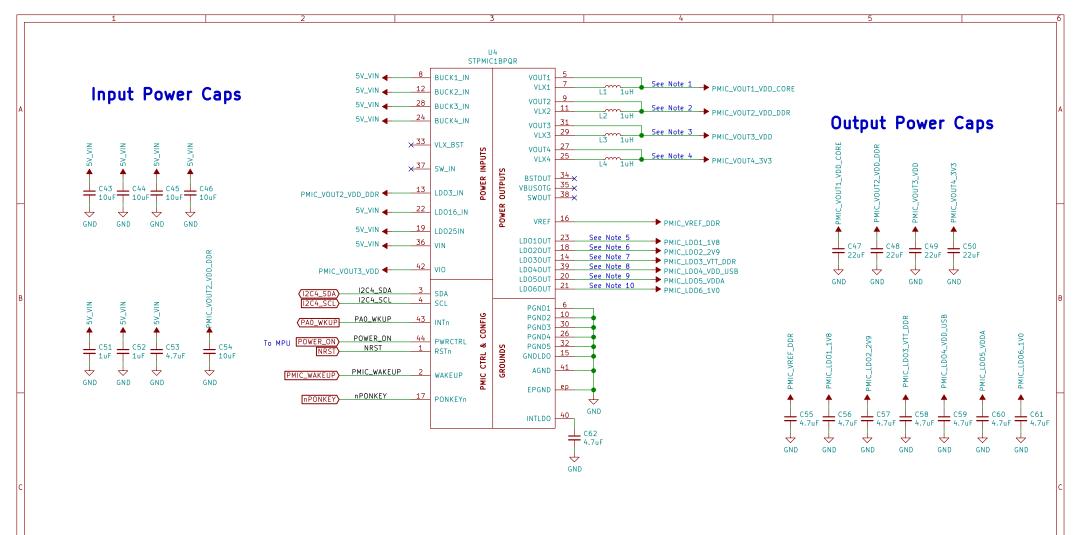
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 Size: A4
 Date: 2021-06-02
 Rev: 1.0.0

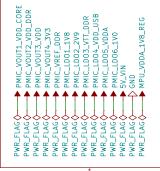
 KiCad E.D.A. kicad (5.1.10-1-10_14)
 Id: 1/6







ERC Power Flags



Notes

1. Default = 1.2V: Imax = 2000mA
2. Default = 1.1V: Imax = 1600mA; NOT ON BY DEFAULT
3. Default = 1.8V: Imax = 1000mA
4. Default = 1.8V: Imax = 3000mA
5. Default = 1.8V: Imax = 800mA; NOT ON BY DEFAULT
6. Default = 2.9V: Imax = 800mA
7. Default = 1.8V: Imax = 150mA; NOT ON BY DEFAULT
8. Default = 3.3V: Imax = 200mA
9. Default = 2.9V: Imax = 800mA
10. Default = 1.0V: Imax = 800mA

POWER MANAGEMENT IC

Sheet: /STPMIC/ File: STPMIC.sch

Title: LOGIC BOARD 1A (LB1A_DCA7M4_R512MB_F4GB)

 Size: A4
 Date: 2021-06-02
 Rev: 1.0.0

 KiCad E.D.A. kicad (5.1.10-1-10_14)
 Id: 4/6

