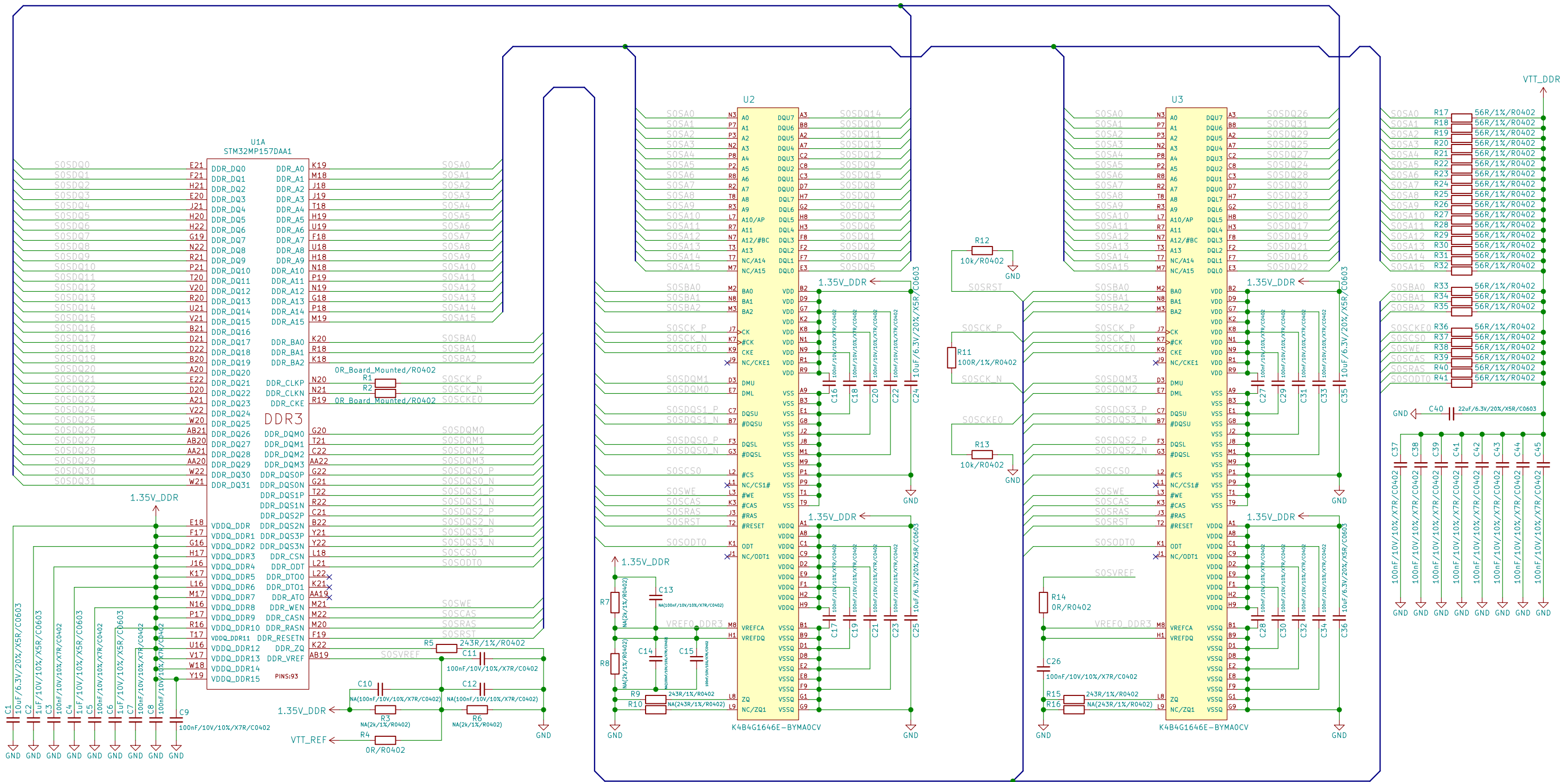


DDR3L:1GByte



Note:

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We have used a number of fully compatible, but different DDR3 memories due to supply unavailability. In such cases the memory part name in the schematic might remain outdated. It is recommended to always refer to the exact memory name printed on the component itself.



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Sheet: /

File: STMP15x-BASE-SOM_Rev_B.sch

Title: STMP15x-BASE-SOM

Size: A3 Date: 2023-04-11

KiCad E.D.A. kicad 5.1.0-rc2-unknown-036be7d80ubuntu16.04.1

Rev: B

Id: 1/4

eMMC/NAND/SPI-Flash

U1B
STM32MP157DAA1

NAND/eMMC/QuadSPI

PINS:36



LCD & LCD -> HDMI

U1G
STM32MP157DAA1

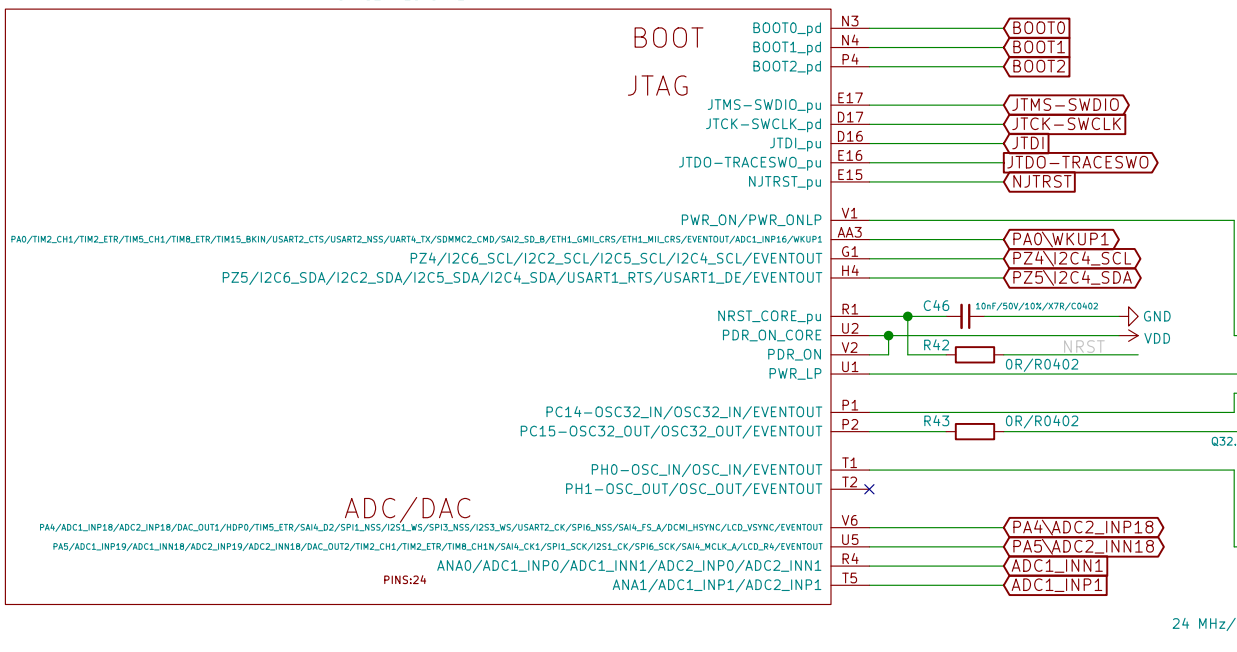
PINS:47



Boot Selection

Boot Mode	Boot2	Boot1	Boot0
Reserved (NoBoot)	1	0	0
NOR -> Serial NOR Flash on QUADSPI	0	0	1
NAND -> Serial NAND Flash on QUADSPI	1	1	1
NAND -> SLC NAND Flash on FMC	0	1	1
eMMC on SDMMC2	0	1	0
SD-Card on SDMMC1 (default)	1	0	1
Forced UART/USB Boot. USB high-speed device, or USART2/3/6 and UART4/5/7/9 on default pins.	1	1	0

U1I
STM32MP157DAA1

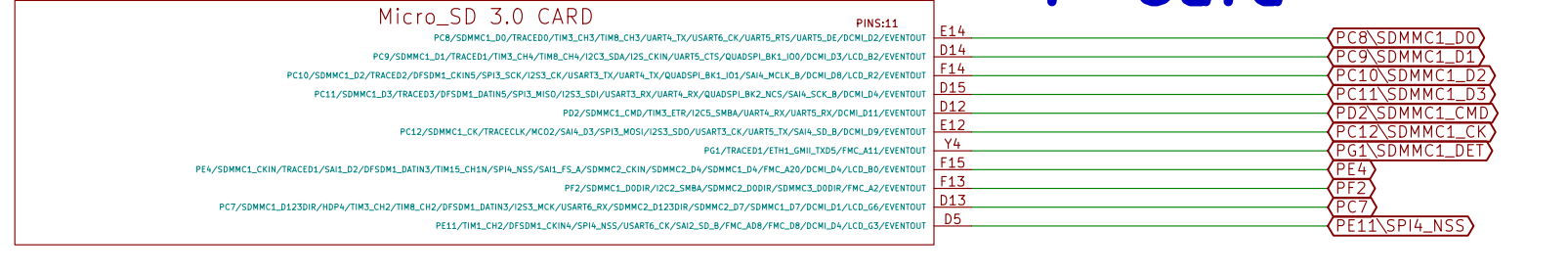


T-Card

U1C
STM32MP157DAA1

Micro_SD 3.0 CARD

PINS:11



Fiducials



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Sheet: /eMMC, SPI-Flash, T-Card and Boot/
File: eMMC, SPI-Flash, T-Card and Boot.sch
Title: STMP15x-BASE-SOM
Size: A3 | Date: 2023-04-11 | Rev: B
KICad E.D.A. kicad 5.1.0-rc2-unknown-036be7d80ubuntu16.04.1 | Id: 2/4

24 MHz/20ppm/3.3V/5032/4P/-40+85°C

