

Input Voltages

5V
(2A)

VBAT

5V_MAIN

1.35V

VDDIODDR

1.15V

VDDCORE

1.15V/1.25V

VDDCPU

MCP16502
(PMIC)

SAMA7G5 Series SiP
(MPU, DDR3L)

VLDO1

VLDO2

VDD_3V3

1.2V/3.7V
(300 mA)

1.2V/3.7V
(300 mA)

3.3V
(600 mA)

Output Voltages

Input Volt.

VDDQSPI0 / VDDIOP0 (1.7V-3.6V)

VDDSDMMC(0/1) (1.7V-1.9V ; 3.0V-3.6V)

VDDQSPI1 / VDDIOP1

VDDSDMMC2 / VDDIN33

SLC
NAND
Flash
(4 Gb)

QSPI
EUI
48/64

24-MHz
MEMS