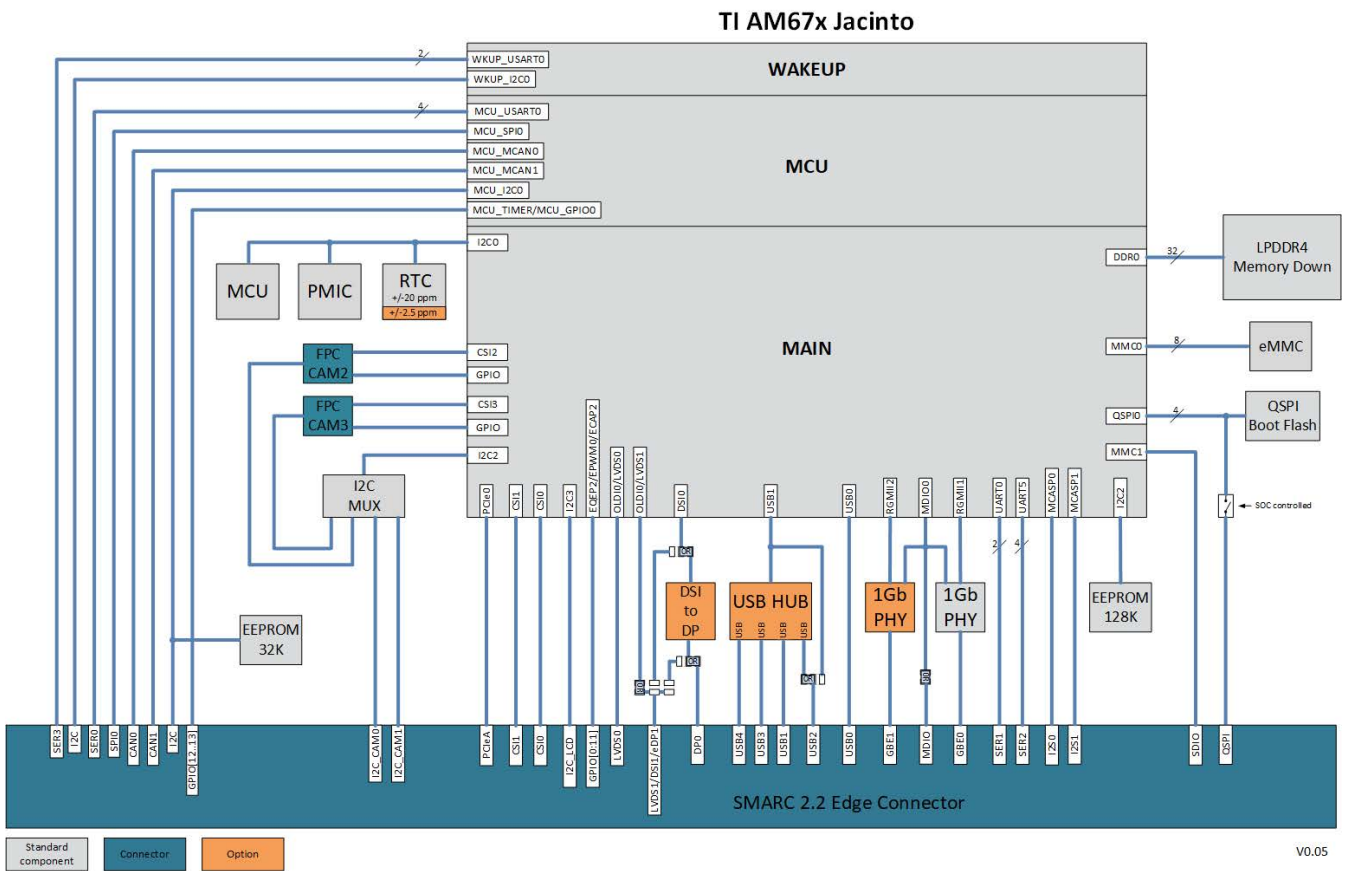




SMARC® Module with TI AM67x Jacinto™ Processor

- ▶ TI dual/quad AM67x Jacinto™ Processor
- ▶ Up to 8 GByte LPDDR4
- ▶ Up to 2x 10/100/1000 MBit Ethernet
- ▶ Up to 64GB eMMC 5.1
- ▶ 1x PCIe up to Gen3 x1
- ▶ 1x USB 2.0 OTG, 1x USB 3.2 (optional up to 2x USB 2.0, 2x USB 3.2)
- ▶ Dual Channel LVDS up to 24bit, DSI
- ▶ Temperature support for -40 °C to +85 °C

| | |
|-------------------------------|--|
| COMPLIANCE | SMARC 2.2 |
| DIMENSIONS (H X W X D) | 82 x 50 mm |
| CPU | T1 dual/quad AM67x Jacinto™ processor (Standard AM67, optional AM67A or AM67D) |
| MAIN MEMORY | up to 8 GByte LPDDR4 |
| ETHERNET | up to 2x 10/100/1000 MBit Ethernet |
| STORAGE | 1x SD-Card (SDIO capable) |
| FLASH ONBOARD | up to 64GB eMMC 5.1 |
| PCI EXPRESS® SUPPORT | 1x PCIe up to Gen3 x1 |
| PANEL SIGNAL | Dual Channel LVDS up to 24bit, DSI |
| DISPLAY | 1x DP (optional, instead of DSI) |
| USB | 1x USB 2.0 OTG, 1x USB 3.2 (optional up to 2x USB 2.0, 2x USB 3.2) |
| SERIAL | 4x UART (2x RX/TX only) |
| OTHERS | 2x I2S, 1x SPI, 4x I2C, 14x GPIO, 2x CAN, 4x MIPI CSI, 1x QSPI, 1x MDIO (optional) |
| SPECIAL FEATURES | Failsafe Update, ultra low Power Consumption high accuracy RTC |
| BOOT LOADER | u-boot, TF-a, OPTEE |
| OPERATING SYSTEM | Yocto Linux, Buildroot |
| POWER SUPPLY | 3 V – 5.25 V operates directly from single level Lithium Ion cells or fixed 3.3 V – 5 V power supplies |
| TEMPERATURE | Operating: extended consumer -40 °C to + 85 °C Non-Operating: -40 °C to +85 °C |
| HUMIDITY | 93 % relative Humidity at 40 °C, non-condensing (according to IEC 60068-2-78) |



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