

CPU AURA i.MX6UL / i.MX6ULL / i.MX6ULZ

CLOUD SERVICE



LOW COST
LOW POWER

36,58 mm

67,6 mm

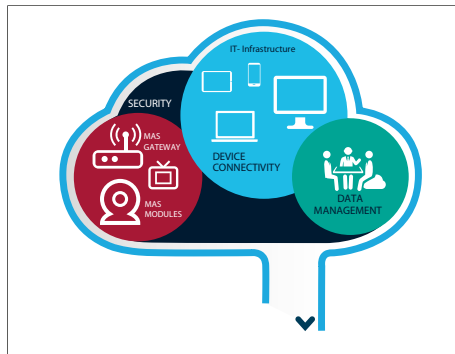
Processor NXP iMX6UL/ULL/ULZ

Software LINUX 4.9

APPLICATION AREAS:



MEDICAL



CLOUD



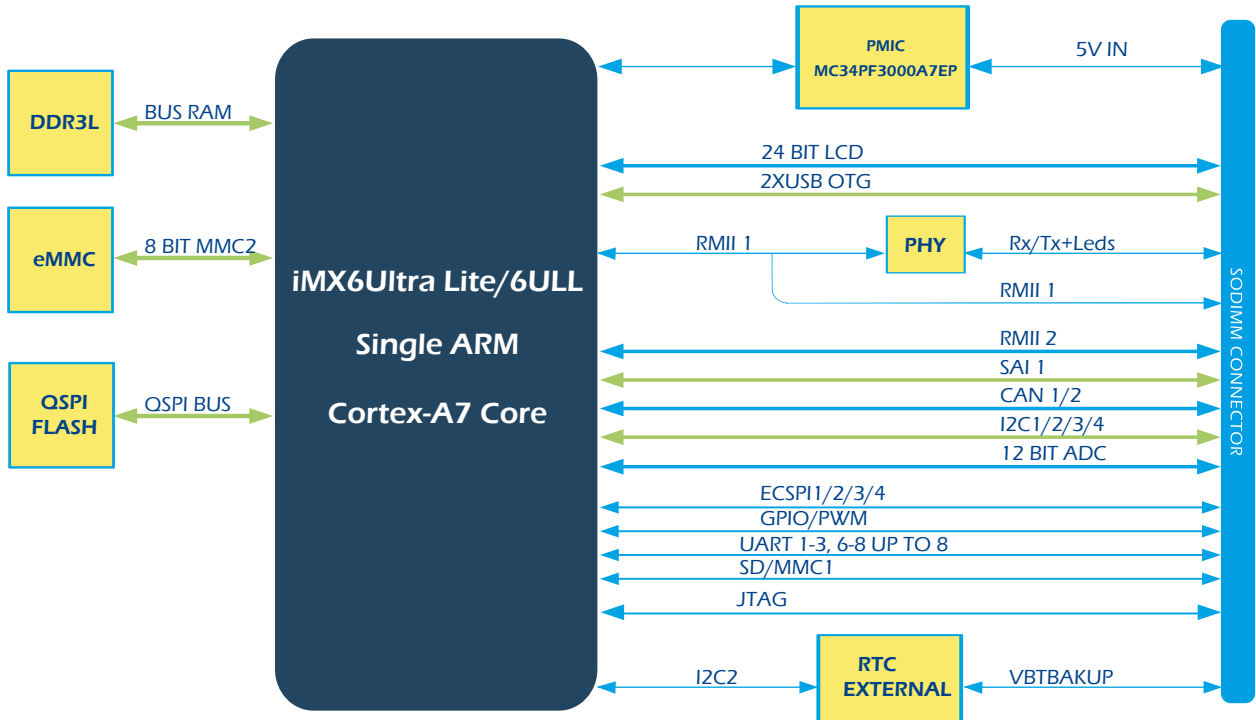
INDUSTRIAL

CPU AURA iMX6UL MODULE

The AURA CPU is i.MX6UL/ULL/ULZ general purpose system on module designed to work in Industrial, Automotive and consumer environment. The AURA CPU is an SMT module with a small foot print ready to be soldered on the Application Board (Carrier Board)



CPU AURA i.MX6UL/i.MX6ULL/i.MX6ULZ



AURA CPU

The Aura CPU is the system on module based on NXP iMX6UL/ULL/ULZ family that integrated the following peripherals / functions:

- NXP i.MX6UL/ULL/ULZ Application Processor
- 256Mib, 512Mib or 1GiB of DDR3L Memory
- 4/8/16GB of eMMC Flash
- Real Time Clock
- LCD Interface (24Bit) (Optionally can be configured as General Purpose TTL 3V3 I/O)
- 3 Analog Input
- General Purpose I/O
- 6 UART Serial Port TTL 3V3 (RX - TX)
- 2 CAN Port TTL 3V3 with Driver Enable I/O
- 1 I2C Bus TTL 3V3
- 2 SPI Bus TTL 3V3
- SDIO Bus TTL 3V3
- I2S Bus
- 1 USB OTG Port
- 1 USB 2.0 Port
- 1 10/100 Ethernet Port with physical on board
- 1 10/100 Ethernet MAC Port

AURA CPU Operating System

LINUX Kernel Version 4.9 or later build with YOCTO

Absolute Max rating

- Vin 5V DC +/-5%

