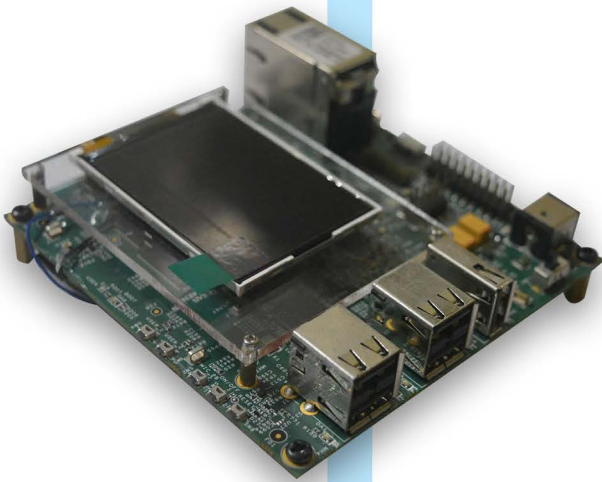
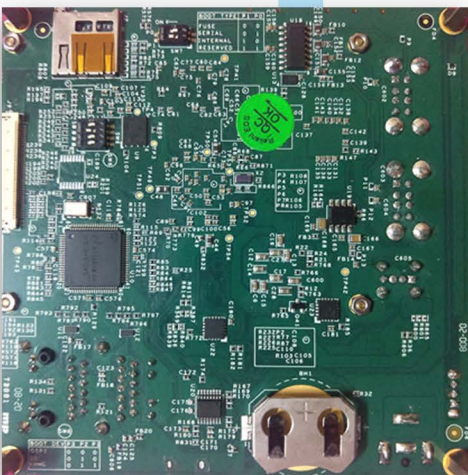


i.MX 6ULL Board with TI PMIC

Top



Bottom



Overview

i.MX 6ULL Processor Evaluation board with TI TPS6521815 power solution is a fully-featured, high performing, low-cost board. It's ultra-efficient processor featuring single Arm Cortex®-A7 core operates at speed of up to 792MHz. The fully functional board integrating TI PMIC, TPS6521815 with NXP i.MX 6ULL application processor controls all the different interfaces available on this board along with the development of SDK. The design consists of DDR3L SDRAM (512MB), 32MB serial NOR flash, 8GB eMMC 5.0 iNAND, SD Card v3.0, two 100Base-T ethernet, USB2.0 Type-A 5-Port hub, USB OTG, LCD screen and UART over the USB interface.

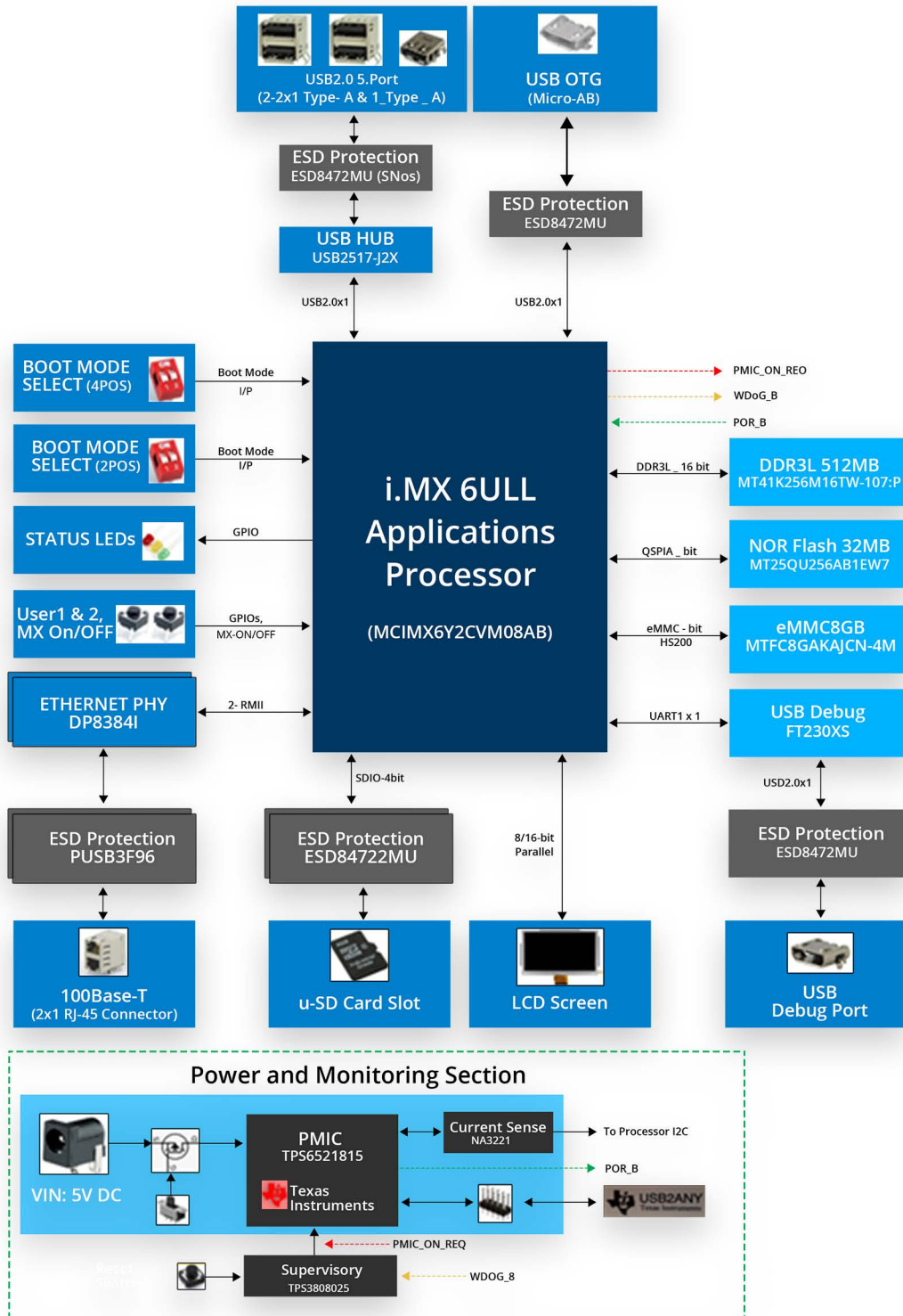
Key Feature

- A single ARM cortex A7 16-bit processor
- 4Gb DDR3L SDRAM
- Powered with the TI PMIC TPS6521815
- i.MX 6ULL supports an SD3.0
- i.MX 6ULL supports eMMC 4.4/4.41/4.5
- LCD display 240x360
- Two 10/100 ethernet
- 5 port USB hub

Applications

- Data Concentrators
- Electricity Meter
- HVAC Gateway
- ARM-based SoM-CoM
- Panel PLC (HMI)
- Smart Thermostats

Hardware Architecture Diagram



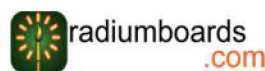
Technical Specifications

Technical Specifications

- ARM Cortex A7 16-bit processor
- Powered with the TI PMIC TPS6521815
- 4Gb x16 (512MB) DDR3L memory
- i.MX 6ULL supports an SD3.0 version
- i.MX 6ULL supports eMMC 4.4/4.41/4.5.
Currently used is eMMC 5.0 version
- 32MB Serial NOR Flash
- 8GB eMMC 5.0 iNAND
- 10/100Base-T ethernet
- USB2.0 Type-A 5-Port HUB
- USB OTG
- LCD Screen and UART over a USB interface

Corporate Office

VVDN Technologies Pvt. Ltd
B-22, Infocity Sector-34
Gurgaon-122001, Haryana, India
Tel No: +91 124 4284250
Email: info@vvdntech.com



Powered by  VVDN[®]
TECHNOLOGIES

USA Office

VVDN Technologies Pvt. Ltd
Suite# 307, 1735 North First Street,
San Jose, California, 95112
Tel No: +1 408 564 6514
Email: info@vvdntech.com