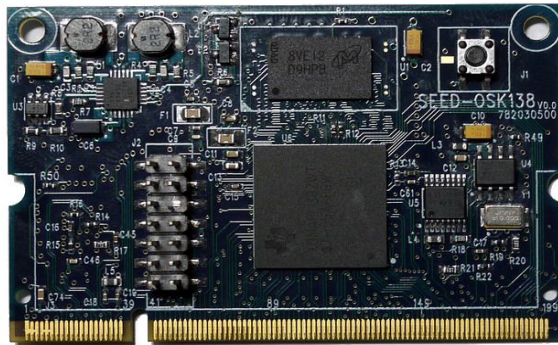


SEED-DIM138



Feature

- Product module based on TI OMAP series, suitable for industrial application. SEED is the first company that can supply this product in quantity in China.
- Based on DIMM-200 standard interface, convenient for connecting, low cost.
- Production-grade standard design and production, More Stable and Reliable.
- Special Locking hole design, provide high-insensitive mechanical connection.
- Mini-size, 60mm*48mm, suitable for various applications including handheld device.
- ARM926 kernel + high performance floating point DSP

Parameter

- CPU: OMAP-L138 (ARM926 300MHz + C674x 300MHz)
- Storage : DDR 64MB NAND 512MB
- Video I/O
- Audio I/O
- Peripheral interface: Ethernet PHY on board, RTC real clock, power and reset system
- Expansion bus: expand all the peripheral interface through DIMM, MMC/SDIO, SATA, UART, USB Host, USB OTG2.0, 10/100Mbps Ethernet, GPIO etc.
- JTAG : 14-pin

Product Documents

- Product design schematic (PDF)
- DATASHEET for hardware chips
- Hardware user manual
- Software development Guide

Development Tools and Software source code

- Cross compiling toolchain(version arm2009q1)
- UBL source code (version 03.20.00.06)
- U-boot source code
- Kernel source code
- NFS (Network File System)

Application

- Power Automation
- Intelligent Control
- Instrument and meter