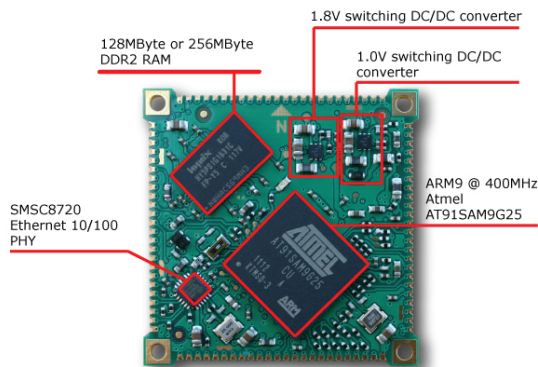


Aria G25



Low cost SMD System on Module based on Atmel AT91SAM9G25

Aria G25 is a cost-effective System-on-Module (SoM) thought of to drastically reduce the development time needed to design a low-power and low-EMI Linux Embedded device. The more complex hardware like CPU, RAM, Ethernet, power and EMI components are integrated on a single SMD component in just 40x40 mm (1.57x1.57 inch) using a complex PCB with 8 layers permitting hardware designers to create their carrier board on simple and cheap 2 layers PCBs.

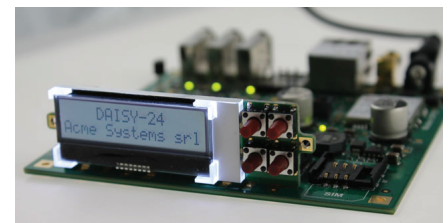
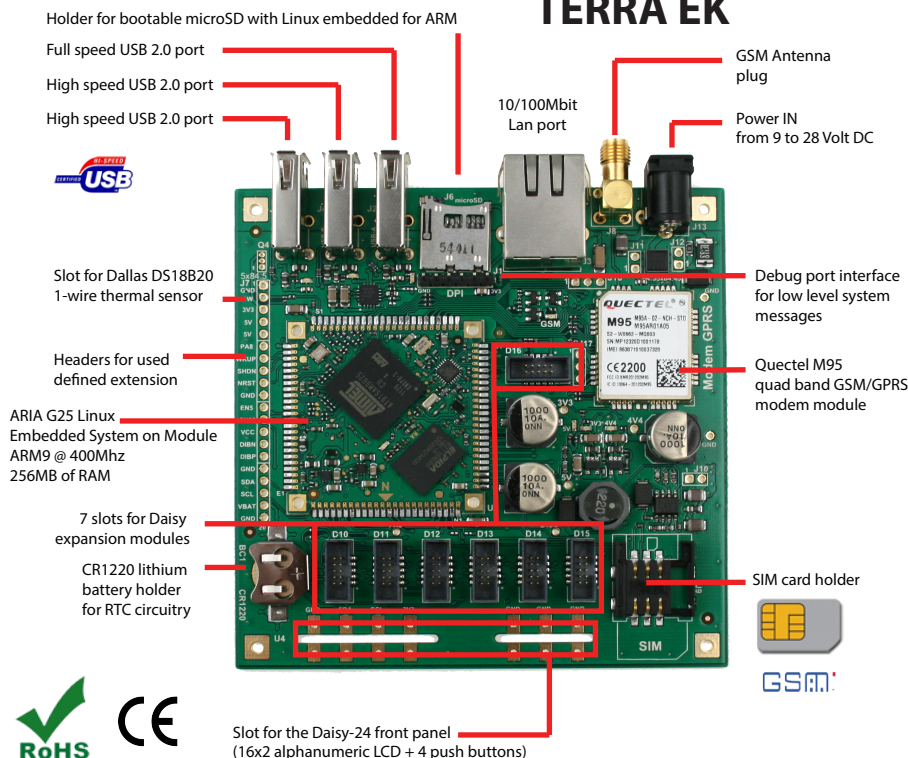


ARIA G25

Key features

- Atmel AT91SAM9G25 ARM9 CPU @ 400Mhz
- 128MB or 256MB of DDR2 RAM
- 10/100 Mbit Ethernet interface
- USB 2.0 host (3), serial lines (6), I2C bus (2), SPI buses (2), GPIO lines (up to 60), A/D converter @ 10 bit (4)
- Low power consumption, low EMI
- Temp. range: -20 +70 °C
- Size: 40 x 40 mm (1.57x1.57 inch)
- Weight: 5g
- RoHS compliant
- Pitch 1.27 mm
- Single power supply at 3.3 Volt

TERRA EK



16x2 LCD panel



Aluminium and ABS enclosure



ACME SYSTEMS SRL

Linux Embedded boards & modules

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