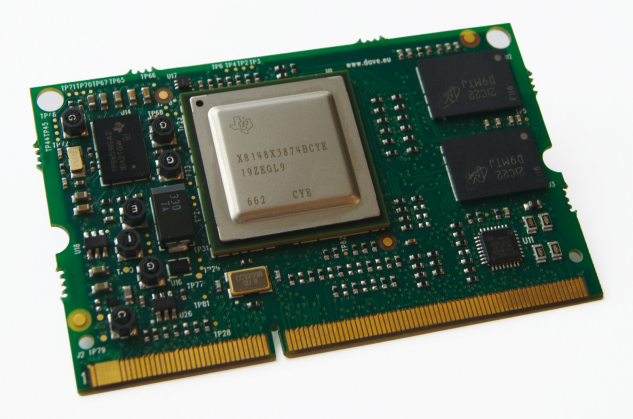
MAYA
Texas Instruments DM814x/AM387x SO-DIMM CPU module

- *Lite* Line CPU module based on Texas Instruments DM814x/AM387x processors family
- ARM Cortex-A8 architecture @ 1 GHz
- HD Video Encoding/Decoding Capabilities (HDVCIP)
- DSP engine (available on DM8148)
- NEON Multimedia Coprocessor and PowerVR® SGX Graphics Engine
- SO-DIMM 204-pin form factor
- Rich interfaces set including Dual CAN and Ethernet



Maya is a ready-to-use CPU module based on Texas Instruments Cortex-A8 high performance application processor from DM814x (DaVinci) and AM387x (Sitara) families.
Maya covers all requirements for a high range of applications where connectivity, rich user-interfaces and high computing capabilities are required, including industrial electronics, security systems, home automation and medical applications.
Maya comes in standard 204 pin SO-DIMM form factor.

Main Features

- TI DM814x/AM387x ARM Cortex-A8 @ 1 GHz
- NEON Media Technology SIMD Coprocessor
- PowerVR SGX 530 3D Graphics Accelerator
- Programmable High-Definition Video Image Coprocessing (HDVICP v2) Engine
- Up to 750 MHz C674x Floating-Point VLIW DSP
- Up to 512 MB DDR2 SDRAM
- Flash NAND on board
- 2 x USB OTG with PHY
- 2 x SD/MMC
- High-end Dual-CAN controller
- Fast Ethernet LAN
- Display subsystem: RGB interface, 24 bit HD Display Port, TV out
- Touch Screen controller
- 4x UARTs, 2x I²C, 2 x SPI, 1 x I²S
- SO-DIMM form factor, 67.5 mm x 40.0 mm

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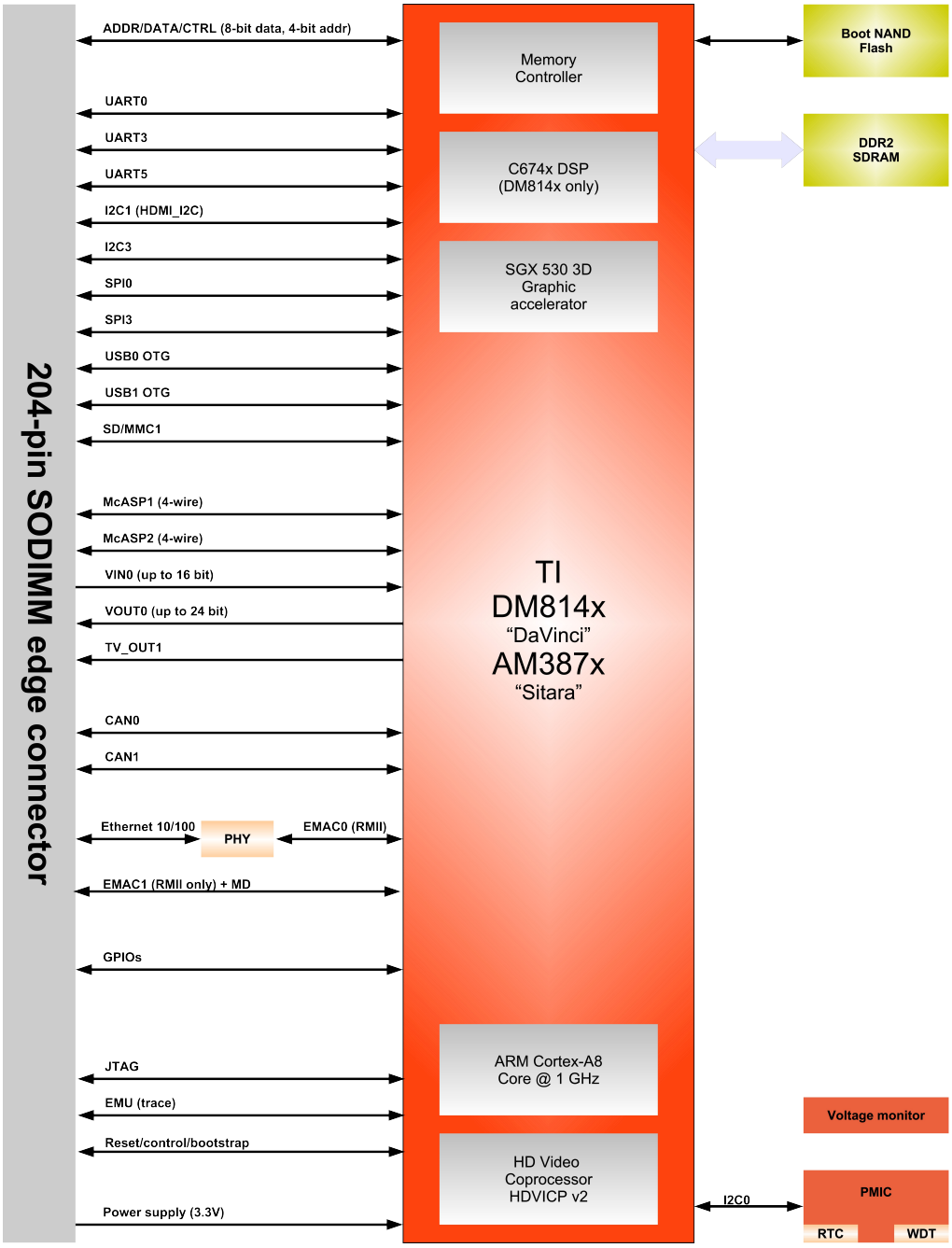
Product line: http:// www.dave.eu/products.html

Block Diagram



Maya Product Codes

Please contact our Sales Department (sales@dave.eu) for availability and prices.

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Simply Embedded

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