11-June-2013

CompuLab introduces CM-T335 – a $27 ARM Cortex-A8 Computer-on-Module

Yokneam, Israel - 11-June-2013 – CompuLab is introducing the CM-T335 – the most cost effective Cortex-A8 Computer-on-Module on the market.

CM-T335 is built around the Texas Instruments Sitara AM3352/4 system-on-chip featuring an advanced Cortex-A8 ARM CPU coupled with a PowerVR SGX GPU. The SoC is supplemented with up-to 512MB DDR3 and 1GB of on-board NAND storage. In addition, CM-T335 features a wide range of industry standard interfaces – Gigabit Ethernet, WiFi 802.11, Bluetooth, USB, CAN bus, serial ports, I/O lines and ADC channels.

Tiny size of only 68 x 30 x 4 mm and low power consumption make the CM-T335 an ideal selection for integration into portable and space-constrained systems.

"CM-T335 has been designed to address the need for an ultra-low-cost computer module in high-volume, cost-sensitive industrial applications" said Igor Vaisbein, VP Business Development at CompuLab. "CompuLab's expertise in dense, highly optimized system design allowed to achieve radical cost reduction with no compromise on features. With the CM-T335 CompuLab delivers a fully featured Computer-on-Module at a fraction of the cost of comparable systems."

CompuLab provides the CM-T335 with comprehensive documentation and full ready-to-run SW packages for Linux, Android and Windows Embedded Compact 7 operating systems.

Specifications

CPU	Texas Instruments Cortex-A8 Sitara AM3352 / AM3354 SoC, up to 600MHz
Chipset	PowerVR SGX530 GPU
RAM	Up to 512 MB DDR3
Storage	Up to 1 GB on-board NAND
Display	Parallel 24-bit display interface - up to 1366 x 768
Network	Gigabit Ethernet WiFi 802.11b/g/n + Bluetooth® 4.0
USB	Up to 4 USB2.0 high-speed ports
UART	Up to 5 UART ports
CAN bus	Up to 2 CAN bus interfaces
SDIO	Up to 2 MMC/SD/SDIO interfaces
I2C	Up to 2 I2C interfaces
SPI	Up to 2 configurable SPI bus interfaces
GPIO	Up to 70 multifunction signals
Audio	Audio codec with stereo line-out, line-in, mic
Touchscreen	4/5/8-wire resistive touch-screen support Capacitive touch-screen support through SPI interface
ADC	Up to 8 general-purpose ADC channels
Power	3.3V DC
Connector	204-pin SO-DIMM edge connector
Dimensions	68 x 30 x 4 mm

Availability and Pricing

CM-T335 is available through CompuLab's worldwide distribution channel and through direct sales (www.compulab.co.il).
CM-T335 is offered at a variety of configurations starting from $27 for volume orders.
Detailed ordering and pricing information is available at www.compulab.co.il/products/computer-on-modules/cm-t335/.

About CompuLab

CompuLab is a leading designer and manufacturer of embedded computing products since 1992.
CompuLab products are embedded in digital signage, telecommunication systems, automotive devices, gaming systems, medical devices, aerospace and marine systems, and countless other applications.
CompuLab headquarters are located in Yokneam, Israel with offices in St. Petersburg, FL.

Press Contact

Igor Vaisbein
igor@compulab.co.il
+972-4-8290143

NOTE TO EDITORS: For additional info visit www.compulab.co.il