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Freescale i.MX Applications Processors i.MX31 Processors i.MX31_LITE_KIT

i.MX31 Lite Development Kit ☆

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Buy



Expanding on the Freescale offering of low-cost, high-performance application development kits, Freescale introduces the i.MX31 Lite Kit. Developed in collaboration with Logic Product Development, the Freescale i.MX31 Lite Kit provides a product-ready software and hardware platform for OEMs, ODMs, IDHs and

independent developers.

The i.MX31 Lite Kit enables rapid design of embedded products targeting the medical, industrial, wireless, consumer markets and general purpose markets. Leverage the power of our popular i.MX31 multimedia processor in this cost-effective development solution.

Features

The Freescale i.MX31 SOM-LV is based on the i.MX31 multimedia applications processor running up to 532 MHz. Click here for the full list of i.MX31 SoC features: www.freescale.com/imx31

- LCD Display Connector
- Integrated LCD, touch, and backlight connector for Zoom Display Kits Audio
- Stereo input and output jacks Network Support
- One RJ45 Ethernet jack connector with magnetics (application/debug) PC Card Expansion
- CompactFlash® Type I card
- MMC/SD card ATA Support USB
- One USB 2.0 high-speed host interface
- One USB high-speed On-the-Go device interface Serial Ports
- 115.2kbps RS-232 debug serial port Software
- LogicLoader™ (bootloader/monitor)
- Windows® CE 5.0 BSP

Supported Devices

i.MX31: Applications Processor
See All

Kit Contains

Where to Buy

- i.MX31 LITEKITS are available direct from Freescale (MCIMX31LITEKIT)

Related Links

- White Papers
 - Technologies for Optimized Power Management
 - Extreme Energy Conservation: Advanced Power Saving for Wireless Devices
 - Low Power Applications Processors and Power Management ICs for Portable Multimedia Devices
- Freescale Power Management IC (MPC13783)

See what other engineers are interested in:

What's This? ▲

Products	Documentation	Software and Tools	Applications
i.MX31: Applications Processor MPC8266: PowerQUICC II Process... i.MX27: Multimedia Application... 5 volt power supply (with Europe, Japan, UK & US)	i.MX31 PDK Hardware User's Gui... i.MX31C and i.MX31LC Multimed... i.MXL LITEKIT Hardware Referen...	i.MX31 Product Development Kit i.MX27 Product Development Kit i.MX35 Product Development Kit...	LCD Backlighting PROFINET Stationary Electronic Poi...

More

- 146.1 mm wide x 158.8 mm long x 17.1 mm high RoHS Compliant