DaVinci™ DM8168 and DM8148 Digital Media Processors

Can you see us now? Newest video processors from TI transform the video experience with 3× greater HD video processing performance

- *Industry's highest performance video engine enables a near-zero latency, life-like communication experience for multi-user HD conferencing*
- *Integrated chip with ARM and DSP cores and video and graphics accelerators process three 1080p60fps streams simultaneously to enable new applications and intuitive user interfaces*
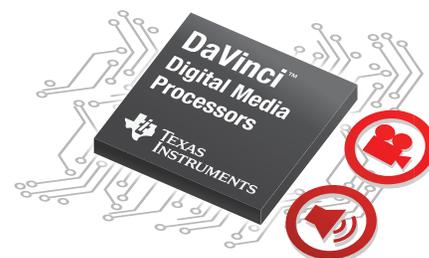
The high-performance DM8168 DaVinci digital media processor:

- Offers three times the video streaming capability over competing solutions with up to three simultaneous 1080p60 frames per second (fps) video streams, 12 simultaneous 720p30 fps video streams or a combination of lower-resolution streams.
- Enables customers to build video-centric systems that capture, encode, decode and analyze multiple video streams simultaneously on up to three independent displays.
- Concurrently allows customers to differentiate their products with advanced analytics capabilities.

Applications: Ideal for multi-channel HD video surveillance systems, video conferencing systems, media hubs and servers and video broadcasting systems.

The lower-power DM8148 DaVinci digital media processor:

- Offers a single, high-performance, 1080p60 fps video stream, three simultaneous 720p30 fps video streams or multiple lower resolution streams at 3 watts.
- Includes cutting-edge display and analytics

capabilities, similar to the DM8168 DaVinci digital media processor.

- Is perfect for power-sensitive, consumer and medical video applications requiring fewer video streams.

Applications: Include Skype video cameras, interactive digital signage, video surveillance DVRs or IP net cams, streaming media players, and network projectors.

Easy product migration options between the DM8168 digital media processor to the power-efficient, software-compatible DM8148 digital media processor allow customers to create multiple, unique products quickly and easily within the DaVinci digital media platform, utilizing TI's EZ software development kit (SDK), allowing software code reuse and customization via a single software investment. Customers can also use the same TI EZ SDK for applications not needing video processing to migrate to the pin-for-pin compatible Sitara™ ARM® MPU or the C6-Integra™ DSP+ARM platforms, to further enable a single hardware and software investment.

Order samples and an evaluation module today

The high-performance DM8168 DaVinci digital media processors are sampling today. Production pricing starts $75 per 1ku for DM8168 DaVinci digital media processor. The power-efficient DM8148 DaVinci digital media processors will begin sampling in 3Q2011. Begin development on the TMDXEVM8168 today for $1,995. Download the TI EZ SDK from **ti.com** and benefit from Linux™ operating system support today, and an Android™ SDK will be available in 2Q2011.

For more information, visit:
www.ti.com/davinci

▲ *Screen shot of TI's Matrix Application Launcher, that allows an easy way to launch applications including TI's provided examples.*

TI Worldwide Technical Support

Internet

TI Semiconductor Product Information Center Home Page
support.ti.com

TI E2E™ Community Home Page
e2e.ti.com

Product Information Centers

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Note: The European Free Call (Toll Free) number is not active in all countries. If you have technical difficulty calling the free call number, please use the international number above.

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	Domestic	www.tij.co.jp/pic

Asia
Phone

International	+91-80-41381665
Domestic	Toll-Free Number

Note: Toll-free numbers do not support mobile and IP phones.

Australia	1-800-999-084
China	800-820-8682
Hong Kong	800-96-5941
India	1-800-425-7888
Indonesia	001-803-8861-1006
Korea	080-551-2804
Malaysia	1-800-80-3973
New Zealand	0800-446-934
Philippines	1-800-765-7404
Singapore	800-886-1028
Taiwan	0800-006800
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