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OMAP-L138 Development Kit (LCDK)

(ACTIVE) TMDSLCDK138

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Description

The OMAP-L138 DSP+ARM9™ development kit will enable fast and easy Linux software and hardware development. This scalable platform will ease and accelerate software and hardware development of everyday applications that require real-time signal processing and control functional, including industrial control, medical diagnostics and communications. The low-cost kit, complete with freely downloadable and duplicable board schematics and design files, greatly reduces design work. A wide variety of standard interfaces for connectivity and storage allow developers to easily bring audio, video and other signals onto the board. Expansion headers such as LCD screen expansion headers and Leopard Imaging's camera sensor allow customers to extend the board's functionality.

The LCDK does not have an onboard emulator. An external emulator from TI (such as the [XDS100](#), [XDS200](#), [XDS510](#), [XDS560](#)) or a third-party will be required to start development.

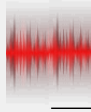
The TMDSLCDK138 replaces the TMDXLCDK138 with the same performance, price and features. It available on a limited quantity basis as inventory ramps.

Features

- Integrated floating-/fixed-point DSP with up to 456 MHz performance; and ARM9 with up to 456 MHz performance
- Software, expansion headers, schematics and application demos
- SDKs, DSP/BIOS RTOS, drivers, stacks and protocol, algorithm libraries, flash and boot utilities and StarterWare



OMAP-L138 Development Kit (LCDK)



Filtering out the noise with TI DSPs
Read how sound enhancement software is helping to bridge the voice quality gap.
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Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status
TMDSLCDK138: OMAP-L138 Development Kit (LCDK)	<div>Buy from TI</div>	<div>Pricing may vary.</div> <div>Buy from distributor</div>	ACTIVE
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 TI's [Standard Terms and Conditions for Evaluation Modules](#) apply.

Technical Documents

More literature (1)

*This is not an TI official document.

Title	Date	Type
Software Libraries Wiki -- In-depth technical and "how-to" articles, FAQs, etc.	24 Mar 2011	Wiki*

Design files (1)

Title	Abstract	Type	Size (KB)	Date	Views
OMAPL138 LCD Kit (Schematics, BOM , Layout, and Gerber Files) v.A7a		ZIP	4387	29 May 2015	1,434

Related Products

Software (3)

Name	Part Number	Software Type
DSP/BIOS Development Software for TMS320C6747, C6745, C6743 Processors	BIOSSW-C6747	Software Development Kits (SDK)
SYS/BIOS and Linux Multicore Software Development Kits (MCSDK) for C66x, C647x, C645x Processors	BIOSLINUXMCSDK	Software Development Kits (SDK)
TMS320C6748 SYS/BIOS Software Development Kit (SDK)	BIOSSW-C6748	Software Development Kits (SDK)

TI Devices (5)

Part Number	Name	Product Family
OMAP-L132	C6000 DSP+ARM Processor	C6000 DSP + ARM Processors

Part Number ↕	Name ↕	Product Family ↕
OMAP-L138	C6000 DSP+ARM Processor	C6000 DSP + ARM Processors


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