

Hmcad1520 Analog Devices

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Hmcad1520 Analog Devices

The HMCAD1520 is a versatile high performance low power analog-to-digital converter (ADC), with interleaving High Speed Modes to increase sampling rate. Integrated Cross Point Switches activate the input selected by the user. In Single Channel Mode, one of the four inputs can be selected as valid input to the single ADC channel.

HMCAD1520 Datasheet and Product Info | Analog Devices

High Speed Multi-Mode 8/12/14-Bit 1000/640/105 MSps A/d Converter. general description. the HMCAD1520 is a versatile high performance low power analog-to-digital converter (ADC), with interleaving High speed Modes to increase sampling rate. Integrated Cross Point switches activate the input selected by the user.

HMCAD1520 - Analog Devices

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EVAL-HMCAD1520 Evaluation Board | Analog Devices

Convert a time-varying analog signal to a digital number representation of the amplitude of that signal with this HMCAD1520 ADC from Analog Devices. This device is based on Pipelined architecture. This device's digital interface is serial|lvds. It has a differential input signal. This ADC has a resolution of 14bit.

HMCAD1520 by Analog Devices | ADC | Arrow.com

HMCAD1520TR - 8, 12, 14, 16 Bit Analog to Digital Converter 1, 2, 4 Input 4 Pipelined 48-QFN (7x7) from Analog Devices Inc.. Pricing and Availability on millions of electronic components from Digi-Key Electronics.

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The drive strength of this output is programmable from the configuration software. See the HMCAD1511/ HMCAD1520 data sheet for details regarding the drive strength. If the jumper is placed in the lower position, the common mode is set by two on-board 51 ω resistors between the 1.8 V supply and ground.

EVAL01-HMCAD15xx User Guide [Analog Devices Wiki]

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Analog Devices is a global leader in the design and manufacturing of analog, mixed signal, and DSP integrated circuits to help solve the toughest engineering challenges.

Analog Signals - Analog Devices

Unfortunately there is no provision to synchronize the CLK or dividers across multiple HMCAD1520/1511 devices, which limits the ability to effectively interleave multiple devices. In 1Gsp/s single-channel mode each HMCAD1520/1511 device is already...

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HMCAD1511 HMCAD1520 not recommend for new ... - ez.analog.com

You can CLK multiple HMCAD devices from a single CLK source but unfortunately there is no provision within the design to synchronize the precise phase of the ADC Input CLK, or internal CLK dividers across multiple HMCAD1520/1511 devices. You would need...

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The datasheet for the HMCAD1520 specifies "RSDS output data levels, unless otherwise specified" for a number of the electrical characteristic tables. It also says in the LVDS Drive Strength Programmability section: "The LVDS interface offers good robustness at the RSDS (Reduced Swing Differential Signaling), given a careful LVDS wire layout.

HMCAD1520 how to turn on RSDS - Q&A - Analog Devices

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HMCAD1520TR Analog Devices | Mouser

EVAL01-HMCAD1511 HMCAD1511 EasyBoard™ 8 Bit 1G Samples per Second Analog to Digital Converter (ADC) Evaluation Board.

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