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**(ACTIVE) ADS1298ECGFE-PDK**

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 **ADS1298ECGFE-PDK, ADS1198ECGFE-PDK (Rev. D)** (PDF 25096 KB)  
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The ADS1298ECG FE is an evaluation module for the ADS1298, a simultaneous sampling, 24-bit, delta-sigma ( $\Delta\Sigma$ ) analog-to-digital converter (ADC) with a built-in programmable gain amplifier (PGA), internal reference, and an onboard oscillator. The ADS1298 incorporates all of the features that are commonly required in medical electrocardiogram (ECG) and electroencephalogram (EEG) applications. The ADS1298ECG FE can be used with a variety of patient simulators and allows the user to take advantage of the flexible input multiplexer which can be independently connected to the internally-generated signals for test, temperature, and lead-off detection.

- Easy-to-use evaluation software for Microsoft™ Windows XP and Windows 7
- Built-in analysis tools including oscilloscope, FFT, and histogram displays
- Flexible input configurations
- Optional external reference circuits
- Ability to export data in simple test files for post processing

**Software:**



Download [ADS1298ECGFE-PDK Version 1.1.1 Installation](#)

Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status
<b>ADS1298ECGFEPW-C5509:</b> Firmware Source for ADS1298 Performance Demonstration Kit	<a href="#">Download</a>	Not Available	ACTIVE
<b>ADS1298ECGFE-PDK:</b> ADS1298 Performance Demonstration Kit	(USD)  In Stock <b>Typically Ships in 1 to 3 Business Days</b> In Stock <b>Typically Ships in 1 to 3 Business Days</b> <a href="#">Buy from TI</a>	Pricing may vary.  <a href="#">Buy from distributor</a>	ACTIVE
<b>ADS1298ECGFESW-SOURCE:</b> Software Source for ADS1298 Performance Demonstration Kit	<a href="#">Download</a>	Not Available	ACTIVE

 TI's [Standard Terms and Conditions for Evaluation Modules](#) apply.

## Technical Documents

Datasheet (2)

Title	Abstract	Type	Size (KB)	Date	Views
 <a href="#">ADS129x Low-Power, 8-Channel, 24-Bit Analog Front-End for Biopotential Measurements datasheet (Rev. K)</a>		PDF	2637	07 Aug 2015	
 <a href="#">Low-Power, 8-Channel, 24-Bit Analog Front-End for Biopotential Measurements datasheet (Rev. J)</a>		PDF	2569	17 Jan 2014	

Application notes (1)

Title	Abstract	Type	Size (KB)	Date	Views
 <a href="#">ADS1298-based ECG Implementation on C5515 DSP Medical Development Kit</a>	<a href="#">Read Abstract</a>	PDF	1152	26 Jan 2011	414

User guides (1)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
 <a href="#">ADS1298ECGFE-PDK, ADS1198ECGFE-PDK (Rev. D)</a>	<a href="#">Read Abstract</a>	PDF	25096	05 Jan 2016	2,329	✓

Related Products

Design Kits & Evaluation Modules (1)

Name	Part Number	Tool Type
<a href="#">TMS320C5515 DSP Evaluation Module</a>	TMDXEVM5515	Development Kits

TI Devices (3)

Part Number	Name	Product Family
<a href="#">ADS1294</a>	4-Channel 24-Bit ADC With Integrated ECG Front End	Analog-to-Digital Converters (ADCs)
<a href="#">ADS1296</a>	6-Channel 24-Bit ADC With Integrated ECG Front End	Analog-to-Digital Converters (ADCs)
<a href="#">ADS1298</a>	24-Bit 8-Ch Analog Front-End for ECG	Analog-to-Digital Converters (ADCs)

Videos

Support & Training