



[Homepage](#)
[Latest News](#)
[Featured News](#)
[Digi-Key](#)
[Mouser](#)
[Farnell](#)
[RS Components](#)

## Semiconductors



BOM Manager | Digi-Key Toolbar | Product Training Modules | Catalogue

Part Search

### Plessey – New 500MHz logarithmic / limiting amplifier with 75dB dynamic range

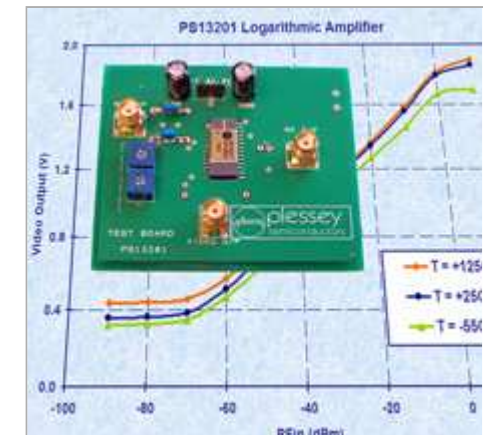
Jan 31 2011 - Semiconductors [\[More Semiconductors Articles\]](#) | [Comment \(0\)](#)

[Print Article](#)
[Email article](#)

Latest from Plessey Semiconductors is the release of the PS13201 logarithmic / limiting amplifier. The PS13201 log amp is a pin-for-pin, drop-in compatible replacement for the original Plessey SL3522 log amp.

The PS13202 operates in the 100MHz to 500MHz frequency range and has a 75dB dynamic range. Other key features include on-chip video amplifier with provision for external adjustment of log slope and offset. The device also features a balanced RF output. The PS13201 is specified across the military temperature range of -55C to + 125C. It is suitable for use in ultra-wideband logarithmic receivers and both channelized and mono-pulse radar applications, says the company.

Derek Rye, Plessey Semiconductor's marketing director, said, "Whilst we are focused on developing our range of sensors, we continue to release ancillary components that support our strategic market segments. These products are being used today in a variety of key applications as they are still the best available solution. Whilst Moore's Law drives ICs with ever shortening life spans, there is a huge range of other products that continue to be best in class over many years because


[More Semiconductors News](#)

there are no technological advances to change that. Our product range fulfils residual demand for end of life products, but also augments the functionality of the innovative sensing products that we continue to release.”

[Add comment \(0\)](#)

### Email Plessey Semiconductors directly for further information about this product

**Free Sample.** Tick this box if you would like to arrange having a free sample provided (at the discretion of company and subject to availability)

**Name \***

**Email \***

**Job Title**

**Telephone**

**Company**

**Company Website**

**Country**

**Comment \***

**Quantity**

Follow **electropages**

[Get RSS Updates](#)

[Follow us on Twitter](#)

[Download iPhone App](#)

[Email newsletter sign-up](#)

Call me back. Tick this box if you would like someone to call you regarding this enquiry. Please remember to enter your telephone number above.

If this is your computer and you would like your contact details to be prepopulated for your next enquiry then tick this box. It requires cookies to be enabled in your browser.

**Send** →



---

### Comments

---

#### Add Comment

**Name**

**Email**

**Comment**

**Submit** ➔

<p><b>Distributors</b></p> <ul style="list-style-type: none"><li>Digi-key</li><li>Farnell</li><li>Mouser</li><li>RS Components</li></ul>	<p><b>Products</b></p> <ul style="list-style-type: none"><li>Design &amp; Manufacture</li><li>Passives</li><li>Power</li><li>Semiconductors</li><li>Subs &amp; Systems</li><li>Switches, Relays &amp; Onboard</li><li>Test &amp; Measurement</li></ul>	<p><b>Information</b></p> <ul style="list-style-type: none"><li>Add your website</li><li>About us</li><li>Advertise</li><li>Contact us</li><li>Electronics distributors</li><li>Industry directory</li><li>RSS feeds</li><li>Submit your PR</li></ul>	<p><b>Social Media</b></p> <ul style="list-style-type: none"><li>iPhone app</li><li>Twitter</li></ul>	<p><b>Electronics News</b></p> <ul style="list-style-type: none"><li>Electronic component news</li><li>Electronic product news</li><li>News Roundup</li></ul>	<p><b>User Profile</b></p> <ul style="list-style-type: none"><li>Manage updates</li><li>Unsubscribe</li></ul>
--	--	---	---	---	---

[Electropages Archive](#)

All press releases and general enquiries: [info@electropages.com](mailto:info@electropages.com)