

Press Release

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ASIC Specialist CREATIVE CHIPS GmbH extends their ASSP Portfolio

The ASIC specialist Creative Chips GmbH from Bingen, Germany has extended their portfolio of ASSPs:

A further development of an existing ASIC product is the new transimpedance preamplifier CCG1401 for use in optical sensor applications. This circuit uses a proven BiCMOS technology and achieves excellent noise characteristics. With only one supply voltage, transimpedance and lower cut-off frequency are programmable via the integrated SPI interface from a connected micro controller. The sensor status is displayed either via a comparator or analog output. In standby mode the current consumption is 15µA only. For smallest sizes in optical sensor applications a CSP flip chip package is available. Alternatively the CCG1401 is offered in a QFN16 package.

The new bus interface IC CCA1224 in SOP8 package is a pin compatible and functional replacement for the discontinued chip HA12240. All DC parameters correspond to those of the original. With regards to the dynamic properties however, the new driver / receiver IC offers a higher transfer rate of up to 3 MBps. Main applications are audio automotive bus systems. The CCA1224 is designed, produced and tested under ISO TS16949 certified conditions. For appropriate quantities attractive prices can be offered.

"Custom chip solutions represent our most important business area now and in future. But, the expanded portfolio of ASSPs offers our customers a variety of interesting application-specific IC solutions off-the-shelf", says Creative Chips sales manager Roland Obst.

Also this year CREATIVE CHIPS is represented at the electronica in Munich. In hall A4, booth no. 118 visitors will get information about the current ASIC technologies as well as the new standard products.

General information about CREATIVE CHIPS GmbH:

Founded in 1999, CREATIVE CHIPS GmbH in Bingen / Rhine is a medium-sized German fabless ASIC / ASSP specialist with focus on industrial automation, automotive and consumer electronics, multimedia, and medical devices. In addition to the IC design, serial production and testing of complex ASICs (mixed-signal and digital systems on chip) also application specific standard ICs are offered.

Attachments:

Pictures: CCA1224 Bus Interface (CCA1224_SO8N.JPG, 1000x1000 pixel)
Managing Director Roland Obst (Roland_Obst.JPG, 500x700 pixel)

Pictures with high resolution:

http://www.creativechips.de/fileadmin/dateiablage/Downloads/CCA1224_SO8N.jpg

http://www.creativechips.de/fileadmin/dateiablage/Downloads/Roland_Obst.jpg

More information at www.creativechips.com

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