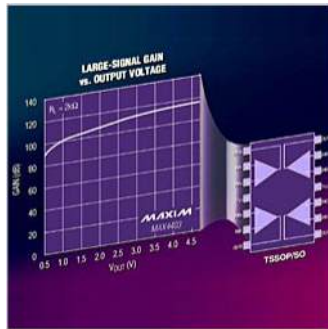


Quad, 800KHZ Op Amp comes in tiny 14-Pin TSSOP package



The MAX4400–MAX4403 low-cost, general-purpose op amps offer rail-to-rail outputs, draw only 320µA of quiescent current, and operate from a single +2.5V to +5.5V supply. For additional power conservation, the MAX4401 offers a low-power shutdown mode that reduces supply current to 1µA (max) and puts the amplifier's output in a high-impedance state.

These devices deliver ±1.4mA of output current and are unity-gain stable with a 1MHz gain-bandwidth product driving capacitive loads up to 400pF. The

MAX4400–MAX4403 are specified to +125°C, making them suitable for use in a variety of harsh environments, such as automotive applications. The MAX4400 single amplifier is available in ultra-small 5-pin SC70 and space-saving 5-pin SOT23 packages. The single MAX4401 includes the shutdown feature and is available in a 6-pin SC70. The MAX4402 is a dual amplifier available in 8-pin SOT23 and SO packages. The MAX4403 quad amplifier is packaged in a 14-pin TSSOP or SO.

Read more at [Maxim](#)

10/100 Fast ethernet multi-media offload controller



The Teridian 78Q8430 is a 10/100TX controller supporting multi-media offload, optimized for host processor offload and throughput enhancements for demanding multi-media applications found in Set Top Box, IP Video, and Broadband Media Appliance applications. The 78Q8430 seamlessly interfaces to non-PCI processors through a simplified pseudo SRAM-like Host Bus Interface supporting 32/16/8 bit data bus widths and provides support for IEEE802.3x flow control and compliance with IEEE802.3 and 802.3u standards.

Supporting 10Base-T and 100Base-TX, the transceiver provides Auto MDI-X cable cross-over correction, AUTO Negotiation, Link Configuration and FULL/HALF duplex support with Full-duplex flow control and requires only a dual 1:1 isolation transformer for line interfacing.

The 78Q8430 incorporates flow control requiring only a dual 1:1 isolation transformer for line interfacing and incorporates numerous packet processing and IP address resolution control functions, in addition to an extensive set of Error Monitoring, Reporting and Troubleshooting features.

Read more at [Teridian](#)

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13.56 MHz RFID Transceiver



The MLX90121 is an ISO compliant 13.56MHz RFID transceiver integrated circuit. The main features include user selectable modulation depth in write mode, whereas single sub-carrier, FSK and PSK modulations are recognized in the read mode. The receiver is based on a diode envelope detector, followed by an IF filter and amplifier.

The receiver is based on a diode envelope detector, followed by an IF filter and amplifier. A logarithmic amplifier is used for single subcarrier detection, ensuring fast and clean data recovery. The limiting output of the log amp is used for FSK and PSK recovery. The transmitter uses a built in open drain output transistor, which can provide up to 250 milliwatts of RF power to a 50 ohms load with a 5 volts power supply using the recommended matching network.

Read more at [Melexis](#)

Accelerate time-to-market with onboard location



The Enfora Spider MT (MT-Gi, Dual Band, ROW) is a certified dual-band integrated platform that provides complete GSM/GPRS functionality for mobile tracking applications. To address a variety of applications, the onboard GPS data can be transmitted to centralized operations centers, Web pages, localized computers or mobile data terminals worldwide via GSM [cellular radio].

To accelerate deployment, Enfora's Services Gateway 2.0 software platform can be leveraged to quickly build links from your asset-tracking devices to your existing enterprise applications and services. The Services Gateway functionality provides an environment for rapid development and deployment of complex tracking, monitoring, and reporting applications. Supporting popular enterprise database architectures such as MS SQL Server, MySQL and Oracle, your time to market is greatly reduced helping you recognize revenues faster than ever before.

Read more at [Enfora](#)



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