EV9942/EV9942A/EV9942E
Evaluation Kits for the CMX994/CMX994A/CMX994E

Three separate Evaluation Kits that allow the user to investigate all aspects of the CMX994 Direct Conversion Receiver IC family:

- **EV9942** targets the CMX994 - Standard and low power modes
- **EV9942A** targets the CMX994A - Standard and additional low power modes
- **EV9942E** targets the CMX994E - Enhanced, standard and low power modes

**Features**

- CMX994 Evaluation Receiver: LNA, I/Q Output, Selectable Filters
- Transmit LO Output
- CMX994 Integer-N PLL
- Interface for external Fractional-N PLL
- 19.2MHz VCTCXO
- Flexible External VCO
- On-board Voltage Regulators
- PC Control Interface Available
- 448MHz Default Operation
- 100MHz to 940MHz Evaluation

**Applications**

- For the Evaluation, Demonstration and Design-In of the CMX994 Direct Conversion Receiver IC

**Supply Requirement**

- 7.2 V (typ)

*For further information, please refer to the ‘Design Resources’ section on the CMx9942/9942A/9942E product page at cmlmicro.com*
CML Microcircuits Benefits

**Faster time to market**
Developing proven high performance and field tested ASSP ICs, CML is helping engineers to cope with increasing pressure in delivering shorter project design cycles.

**Design flexibility**
CML’s FirmASIC® reconfigurable technology with the use of a Function Image upload enables a single hardware platform to be used for multiple communications systems.

**High Quality**
With 100% of products being tested before shipping, customers are assured of the highest reliability.

**Product Longevity**
Designing with CML products, manufacturers are rewarded with longer product life cycles and a stable BOM, ensuring minimum engineering costs and maximum profit.

**Low Power**
Being at the forefront of low power chip technology, manufacturers can develop smaller equipment with extended battery life.

**Superior Support**
Internal and field based applications teams worldwide provide focused customer support to ease the development process.