The EV9700 is an Evaluation Kit designed for evaluating and demonstrating the capabilities of the CMX970 IF/RF Quadrature Demodulator IC.

All the circuits necessary to demonstrate the facilities provided by the IC, such as matching circuits, power supply regulators, etc. are provided on the EV9700 board.

A C-BUS interface connector is provided for control of the EV9700 by a host microcontroller or CML PE0003 Universal Interface card. The CMX970 can also be used in a 'direct control' mode, where a host or PE0003 is not required.

**Features**

- CMX970 Quadrature IF Demodulator
- C-BUS interface to host microcontroller
- Easy interfacing to PE0601-xxxx
- Frequency range 20 - 300MHz
- Direct control mode (host-less operation)

For further information, please refer to the 'Design Resources' section on the CMX970 product page at cmlmicro.com

**WHAT TO DO NEXT**

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**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.

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

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

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