

## PE0101-7011

### Evaluation Kit for CMX7x1x

The PE0101 Platform Evaluation Kit is designed to assist in the evaluation and application development of the CMX7x1x range of *FirmASIC* products. The kit is in the form of a populated PCB comprising a CMX7x1x IC and appropriate supporting components and circuitry.

#### Features

- On-board access to all target IC signals, commands and data
- Evaluates both RF and baseband capabilities
- On-board supply regulators from a single 5 Volt supply
- Command and control by PC via the PE0003 EvKit Interface Card
- Socketed EEPROM option for Function Image

#### Supply Requirement

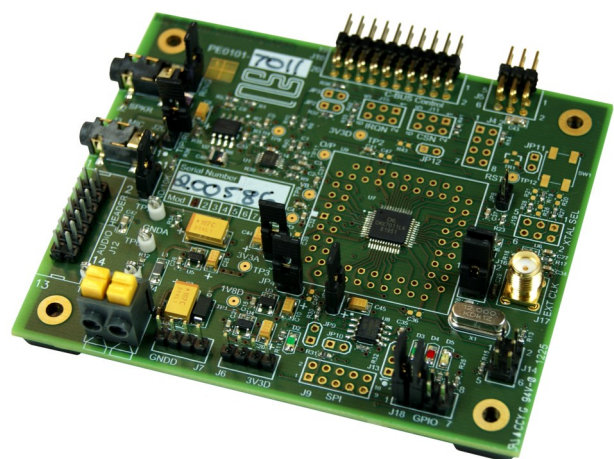
- 4.5 to 5.0 V

*For further information, please refer to the 'Design Resources' section on the CMX7x1x FirmASIC™ product pages at [cmlmicro.com](http://cmlmicro.com)*

The board also incorporates all the necessary power supply regulation facilities for operation from a single 5 volt supply.

The board is fitted with a C-BUS connector allowing the PE0101 to be operated by connection to either of the two C-BUS ports on a CML PE0003 Universal Interface Card, and used with the associated PC GUI software, or by direct connection between the CMX7x1x C-BUS and the user's IC development application or emulation system.

The CMX7x1x Function Image (FI) can be loaded directly into the on-board target IC using the PE0003 Universal Interface Card or the user's system.



PE0101



## 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.

#### 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.

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