EV6180/EV6380

Evaluation Kit for CMX608 and CMX618

The EV6180 Evaluation Kit provides the means to demonstrate and evaluate the operation of CMX6x8 full and half duplex RALCWI™ Vocoder ICs. The board is operated from a single, external power supply.

Features

- Evaluation Platforms for CMX608, CMX618 and CMX638 RALCWI™ Vocoder ICs
- Stereo Jack Socket Microphone Connections to/from Integral Audio Codec
- Single-ended or Differential Audio Codec I/O
- Provided with Host PC Software to Demonstrate Device Performance
- Header Connections to the C-BUS Interface: for EvKit Interface Card or Third Party Microcontroller *(Not Supplied)*
- Header Connections to the SPI Interface: for Use With External Third Party Codecs
- PE0003 Scripts Available

Supply Requirement

- Single +5V dc supply

Applications

- Evaluation, demonstration and experimentation of the CMX608, CMX618, CMX638 RALCWI Vocoder ICs

Optional Supporting Products

- PE0003 EvKit Interface Card
 (Not supplied with this kit, can be ordered separately)

For further information, please refer to the 'Design Resources' section on the CMX608 or CMX618 product page at cmlmicro.com

On-board voltage regulators provide the required analogue and digital supply voltages.

To use this software, a host PC and the PE0003 EvKit Interface Card are required. Additionally, an external audio codec is required to demonstrate the CMX608 option.

Connectors are provided to allow direct interfacing to the C-BUS and SPI interfaces on the CMX6x8 devices. The on-chip audio codec (CMX618 and CMX638) is accessible through two 3.5mm stereo jack sockets.

The audio codec signal paths can be configured as single-ended or differential.
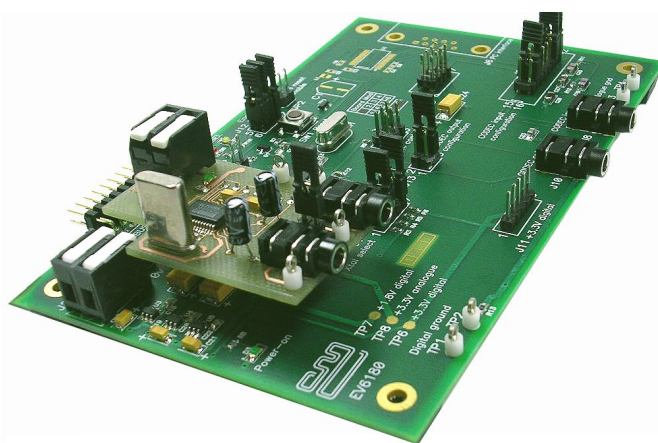
EV6180

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

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Product Longevity

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Superior Support

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www.cmlmicro.com

United Kingdom	Tel: +44 (0) 1621 875500	email: sales@cmlmicro.com
United States	Tel: +1 336 744 5050	email: us.sales@cmlmicro.com
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