EV9920B

Evaluation Kit for the CMX992

The EV9920B allows the evaluation of the CMX992 Quadrature/Low IF Receiver.

Features

- Allows Full Evaluation of the CMX992
- Operational (Evaluation) Frequency Range: 100MHz to 1GHz
- 450 to 470 MHz Default Operation
- On-board:
    CMX992 IC
    LNA
    I/Q or IF Output
    Selectable IF Filters
    Test Access
- PC Control Interface Available

Applications

- For the Evaluation, Demonstration and Design-In of the CMX992 Quadrature/Low IF Receiver IC

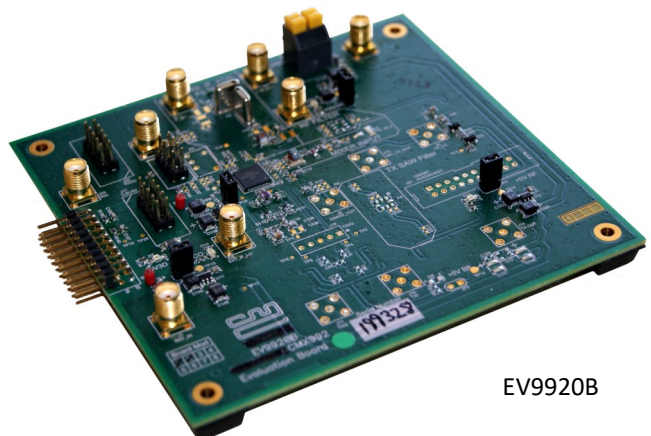## Supply Requirement

- 7.2 V (typ)

For further information, please refer to the 'Design Resources' section on the CMX992 product page at cmlmicro.com

** The CMX992 includes only the receiver and IF LO sections of the CMX991 and is ideal for applications that do not require the CMX991 transmitter, for example when a linearised transmitter is required, in which case the CMX998 Cartesian feedback loop transmitter IC could be used for Tx and the CMX992 for Rx.**

Access is provided to all CMX992 RF, baseband and control signals by either connector or test points. Test access points are available to accept common test equipment, such as RF and baseband signal generators and spectrum analysers.

All signal paths are matched by suitable components and the overall evaluation frequency range of this Evaluation Kit is for RF frequencies between 100MHz and 1GHz, with default operation over 450 to 470 MHz. This flexible Evaluation Kit enables users to configure and evaluate the CMX992 devices for various applications and frequency bands.

The on-board CMX992 IC is controlled via its C-BUS serial interface. The PE0003 Universal Interface Card is available separately to support PC-based control of the EV9920B.

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WHAT TO DO NEXT

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