AFE7769-3P5EVM

Evaluation Module
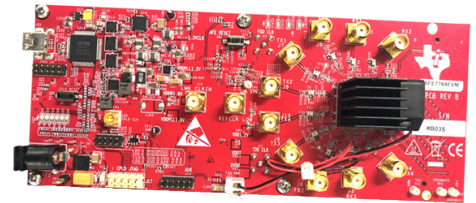
Product Overview

06-11-2021

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

AFE7769-3P5EVM Evaluation Module is used to evaluate the AFE77xx family of integrated RF transceivers. This module combines radio-frequency (RF) baluns and matches to specifically support 3.3GHz to 3.8GHz that can be extended to support up to 6GHz. The AFE7769-3P5EVM evaluation module includes the LMK04828 clock generator that provides reference clocks, system reference to the Analog Front End (AFE), and capture card. This evaluation module works off a single 6V input and features complete power management. External clocking options supports feeding the reference clock (for on-chip PLL) or the channel frequency (at 2 x LO).

Features

- Evaluates AFE77xx integrated transceiver family of devices
- Simplified digital interface with JESD204B/C and supports up to 29.5Gbps lane rates
- JESD subclass 1 for multiple-device synchronization
- Onboard clocking solution with optional external feed
- Onboard power-management scheme

Kit Contents

- AFE7769-3P5 evaluation module
- USB cable
- Power cable

Mouser Part Number(s)

AFE7769-3P5EVM

To learn more, visit https://www.mouser.com/new/texas-instruments/ti-afe7769-3p5evm-eval-module/