

F28035 Piccolo controlCARD

TMDSCNCD28035

Description

The C2000 controlCARDS from Texas Instruments are ideal products for OEMs to use for initial software development and short run builds for system prototypes, test stands, and many other projects that require easy access to high-performance controllers. The controlCARDS are complete board-level modules that utilize an industry-standard DIMM form factor to provide a low-profile single-board controller solution. All of the C2000 controlCARDS use the same 100-pin connector footprint to provide the analog and digital I/Os on-board controller and are completely interchangeable. Each controlCARD provides an isolated RS-232 interface for communications. The host system needs to provide only a single 5V power rail to the controlCARD for it to be fully functional. ControlCARDS from TI support the 60 Mhz TMX320F28027 and F28035 (Piccolo), the 100MHz TMS320F2808 (P/N TMDSCNCD2808) and the 150MHz floating-point TMS320F28335 (P/N TMDSCNCD28335). Standalone JTAG emulator required. Sold separately.

Features

TMS320F28035 "Piccolo" Microcontroller controlCARD

- Small form factor - 9cm x 2.5cm
- Standard 100-pin DIMM interface
- F28x analog I/O, digital I/O and JTAG signals at DIMM interface
- Isolated RS-232 interface
- Single 5V power rail for full operation
- Standalone JTAG emulator required for debug. Sold separately.