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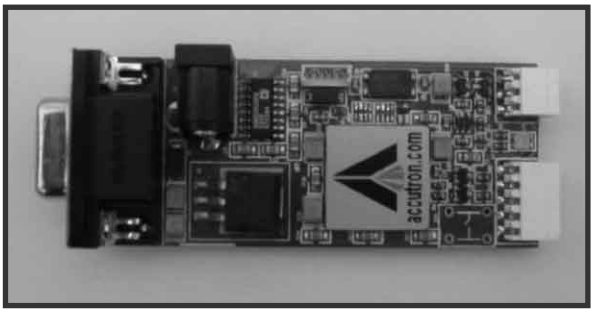
Emulator POD
Data Sheet

Single Pin Emulation POD



General Description
Accutron's Emulation POD permits powerful Download/Debug capabilities for embedded systems based on the popular ADuC MicroConverter® cores from Analog Devices. The Emulator POD is specifically designed for use with **accutron aspire™** IDE software. Used with the the Emulator POD, **aspire™** debugging is completely non-intrusive and requires no target system resources. The pod together with **accutron aspire™** source-level debugger, provides powerful run/stop control of embedded software, It also allows control and interrogation of all core-processor and system resources, and the programming of on chip FLASH.

Features
Single Pin Emulator
Connects to host PC using serial connection
Download/Debug and Flash programming of ADuC MicroConverters®

Host Requirements
IBM PC or compatible, fitted with a standard RS 232 Serial Port.
32MB or more of PC RAM for optimum performance.
Windows 98, Windows Me, Windows NT4, Windows 2000, and Windows XP Workstations.

Device Support
All ADuC cores, including ADuC812, ADuC814, ADuC816, ADuC824, ADuC831, ADuC832, ADuC834, ADuC836.
Contact Accutron for support on new ADuC cores.

Target Connection
Analog Devices standard 2-way and 5-way debug port.

Power Source (supplied by **accutron)**
The Emulator POD is powered by a 9V DC power supply. Centre negative. **Note:** In the case of the **accutron Upgrade Kit™**, the 9V power supply provided in the Analog Devices **QuickStart™ Development Kit** is used to power the Emulator POD.

Availability
The accutron Emulator POD is supplied as part of the **QuickStart™+ Development System**, the **accutron spear™** system and the **accutron Upgrade Kit™.**

Installation
For installation and operation instructions consult the 'Get Started Guide'