OCTAGON SYSTEMS

• 6510 W. 91st Ave • Westminster CO 80031 • USA

• Embedded rugged computers
• –40° to 85° C
• Embedded operating systems
• COTS—high reliability

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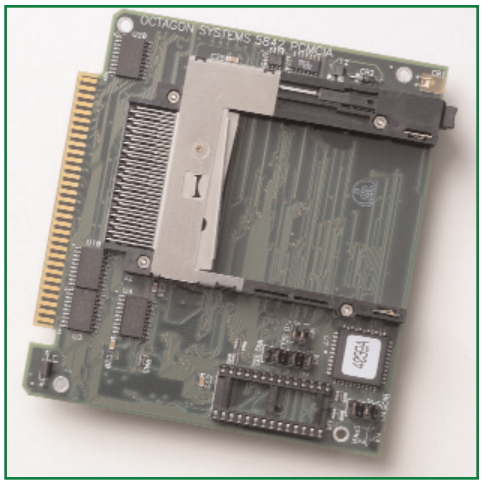
Dual PCMCIA card for Micro PC

The 5842 provides two PCMCIA slots. It allows memory and other types of pluggable options to be added to a Micro PC system. The card follows Intel's exchangeable card architecture (ExCA) design specifications. This allows exchangeability between various types of PCMCIA compatible memory and I/O cards. Memory cards include flash, standard EPROM and static RAM. The 5842 also supports PCMCIA ATA hard drives, and modem and Ethernet cards.

Micro PC cards plug into any ISA expansion slot or Micro PC card cage. The Octagon family of Micro PC controllers, expansion cards, and card cage provide a complete solution for applications in transportation, security, military, communications, distributed control, point–of–sale, ticketing machines, weighing equipment, and other similar applications.

The 5842 will withstand high shock and vibration, and operates in temperature ranges from –20° to +70° C. This rugged expansion card will provide years of reliable service in the most challenging environments.



Octagon products are designed and manufactured under the supervision of an ISO 9001-2000 certified quality management system.

Features

PCMCIA:

- Accepts two PCMCIA cards
- Supports all 8–bit cards
- Follows Intel's exchangeable card architecture (ExCA) design specifications
- PCMCIA Release 2.0/JEIDA Release 4.1 compatible
- Type I, II, and III cards
- Speaker interface

Base address:

- Jumper selectable for starting addresses of 3E0h or 3E2h, with offsets of 00h or 80h

Interrupts:

- IRQ7 and IRQ9 hardwired; IRQ3 3, 4, 5, 10, 11, or 14 available through jumpers

Environmental & power:

- –20° to 70° C operating
- –40° to 90° C nonoperating
- 20% to 80%, RH, noncondensing
- 40g shock, 5g vibration, 3 axis
- Size: 4.5" x 4.9", Micro PC form factor
- Power: 5V +/–5% at 220 mA max. with no modules

Ordering information

#3655 5842 dual PCMCIA card