OCTAGON SYSTEMS
• 6510 W. 91st Ave • Westminster CO 80031 • USA
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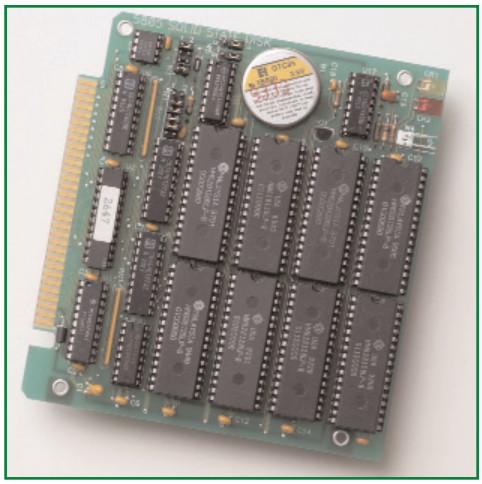
• Embedded rugged computers
• –40° to 85° C
• Embedded operating systems
• COTS—high reliability

Solid–state disk card for Micro PC

The 5805 is an I/O mapped memory card. It is designed to provide mass storage in Octagon's Micro PC systems. The card requires four I/O addresses. Jumpers configure the card to any of 64 base addresses, ranging from 100h to 1FFh. Each card has eight sockets for either static RAM, EPROM, or flash EPROM chips.

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 5805 will withstand high shock and vibration, and operates in temperature ranges from –40° to +85° 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

Memory:

- Up to 4 MB total of I/O–accessed memory
- Card can be populated with up to eight 128K or 512K static RAMs, or eight 128K or 512K EPROMs or flash EPROMs
- Battery backup for static RAM
- Up to seven cards can be used in one system, for a total of 28 MB
- Appears as disk drive to system; however, it cannot be used a boot device
- Jumper–selectable write protect
- On–board LEDs indicate disk access and write protect

Base address:

- Jumper selectable for starting addresses from 100h to 1FFh. Uses only four consecutive I/O addresses

Sockets:

- Eight 32–pin sockets for memory chips

Environmental & power:

- –40° to 85° C operating
- –50° to 90° C nonoperating
- 5% to 95%, RH, noncondensing)
- 40g shock, 5g vibration, 3 axis
- Size: 4.5" x 4.9", Micro PC form factor
- Power: 5V ±5%, 35 mA when there is no memory installed

Ordering information

#2611 5805 solid–state disk card

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www.octagonsystems.com