

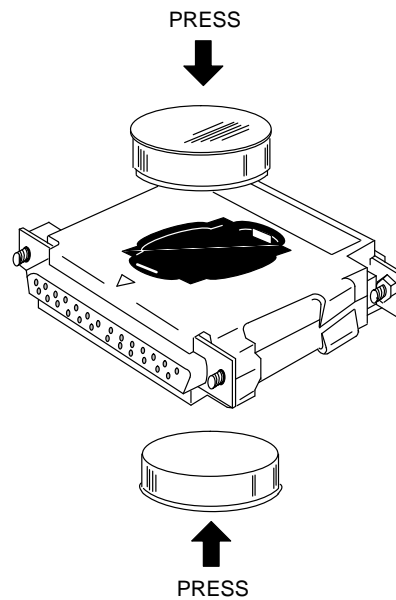
**DALLAS**  
SEMICONDUCTOR

## DS1410D Parallel Port Button Holder

### FEATURES

- Provides a parallel port interface for Dallas Buttons
- No external power required
- Coexists with other parallel port resident products
- Operates with DOS, OS/2, Windows, PC Based-UNIX, Windows NT, QNX
- Used to protect applications installed on a system

### DS1410D BUTTON HOLDER



### DESCRIPTION

The DS1410D Parallel Port Button Holder interfaces Dallas Semiconductor Authorization Buttons to host computers via a PC parallel port. In conjunction with the Buttons, the DS1410D provides a high security storage vault for critical execution control information. Only users that possess a Button can utilize the software, preventing execution of unauthorized copies.

The modularity of the DS1410D allows for easy feature customization. The device supports the insertion of two Buttons, which can be removed and replaced to vary functionality.

For example, a DS1427 Time Button can be programmed for a 30 day expiration, issued with a DS1410D, and a software copy. The evaluator can be converted into a registered user by issuing a DS1425 Button and inserting it into the second receptacle.

The DS1410D supports the same Buttons as other Dallas Button Holders. This allows standardization of any protection scheme across virtually all hardware platforms, regardless of the operating system. The Buttons remain constant, and the Button holders change according to the specific platform interface.

### **DS1410D SOFTWARE**

The DS1410D Development Kit contains access system software which must be linked with the application software in order to complete integration. The support for the application development environments and operating systems lies in the interface software of the access system. The access system contains the low level interface for communicating with the Buttons.

NOTE: The DS1410D is not object code compatible with the DS1410. However, both object modules can co-exist to provide support for both holders.

### **DS1410D HARDWARE**

The DS1410D passes through all the parallel port I/O lines, which allows them to be stacked with other DS1410D's or other parallel port resident devices.

The DS1410D attaches directly to the PC parallel port. If use of a printer is desired, the DS1410D should reside between the parallel port and the printer cable. With system and printer both off, simply plug the 25-pin male D connector side of the DS1410D into the PC parallel port and then plug the printer cable into the 25-pin female D connector side of the DS1410D. The top and bottom screws that reside on the DS1410D and the printer cable should then be tightened accordingly.

Attaching another parallel port device is not required to operate the DS1410D.

To cascade DS1410D's, simply follow the same directions as above, inserting DS1410D 25-pin D male and female connectors accordingly.

