



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# SmartBoard G83-6644



*Models may vary from the image shown*



## Universal reading and writing!

As a SmartBoard with smart card reader, it is the ideal input device for all applications requiring high levels of security. Equipped with a class-2 reader, the G83-6644 is ideal for authentication, PKI and single sign-on.

## Key benefits

- USB 2.0
- Secure PIN entry
- PC/SC Smart card reader
- CT-API support
- Protocols: T=0, T=1, S=8, S=9, S=10
- CCID compatible
- Reading/writing ISO 781-compliant chipcards
- EMV 2000 Level 1 approved
- FIPS 201 Certification
- TAA Compliant

## Technical Data:

### Layout:

- 104 position international key layout including Windows keys

### Housing / Key Color:

- Black
- Light Gray (special conditions apply)

### Weight (product):

- 680 g
- 1.499 lbs

### Weight (with packaging):

- 840 g
- 1.851 lbs

## Agency Approvals

- FCC, GS, CE, c-tick, GHOST-R
- EMV 2000 level 1
- Microsoft Windows™

## System requirements:

- USB connection

## Storage Temperature:

- -20°C to 60°C
- -4°F to 140°F

## Operating Temperature:

- -0°C to 50°C
- 32°F to 122°F

## Current Consumption

- max. 100 mA

## Interface

- USB

## Dimensions (product):

- Approx. 458 x 170 x 42 mm
- 18.03 x 6.69 x 1.65 inches

## Packaging dimensions:

- Approx. 495 x 200 x 55 mm
- 19.48 x 7.87 x 2.17 inches

## Keyboard:

- Service life, standard key: > 10 million key operations
- Operation characteristics: Soft pressure point
- Inscription technology: Laser
- Inscription layout: Standard
- Number of keys: 104  
(Product dependant on language)

## Smartcard-Reader:

- Hardware interface: USB
- Agency Approvals: EMV 2000 Level 1
- Chip-card protocols: T=0, T=1, S=8, S=9, S=10
- Contact: mechanical swipe reader
- Software interface: CT-API, PC/SC, CCID
- Mating cycles: approx. 100,000 operations
- Compatible chip card types: Reads and writes on all ISO 7816 cards
- Transmission speed reader ↔ card: 412,903 Bit/s
- Transmission speed reader ↔ system: max. 12 Mbit/s
- Chip card pulse frequency: 4.8 MHz

## Technical Data (Continued)

### Cable Length

- approx. - 1.80 m
- approx. – 5.9 ft.

### Packaging Unit:

- Number of products in the master package 53
- Number of master packages per pallet 2

### Delivery Volume:

- G83-6644 Keyboard
- Printed instructions

### Warranty:

- 2 Years Warranty

Errors, technical changes and delivery possibilities excepted. Technical information refers only to the specifications of the products. Features may differ from the information provided.

## Order Description

<i>Product name</i>	<i>Order Number</i>	<i>Interface</i>	<i>Color</i>
Smartboard G83-6644	G83-6644LUAEU-2	USB	Black

Available in light gray, and various country versions upon request.



ZF Electronic Systems Pleasant Prairie, LLC  
 11200 88th Avenue  
 Pleasant Prairie, WI 53158  
 USA  
 Phone: 262.942.6500  
 Internet: [www.cherrycorp.com](http://www.cherrycorp.com)

Sales: 262.942.6562  
 E-Mail: [CEP\\_sales@ZF.com](mailto:CEP_sales@ZF.com)  
 Fax: 262.942.6566

The manufacturer accepts no liability for errors or non-availability, and reserves the right to change specifications without prior notice. Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.