



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!



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# SPOS QWERTY KEYBOARDS

Small-sized Multifunctional Keyboard with Enhanced 135/123 Position Key Layout and Optional Magnetic Card Reader and Touchpad



## Facts & Features

- Compact size keyboard with QWERTY layout
- Enhanced US 135/123 Position key Layout
- Robust Product Design with IP 54 Spill and Dust Resistant Key Field for Harsh Environments
- Plug & Play Configuration for all Common POS Features
- Unique Function Enhancement with 'CHERRY Tools' Virtual Programming
- Fully Programmable Keyboard with 54/60 Releagendable Keys for Easy Layout Configuration and Quick Function Calls
- Option for Unlimited Programmability of all Keys up to 3 Layers Provides Convenient Data Access
- 'Moving of Key' Allows for Easy Key Position Exchange Including Modifier Functions
- Pop-up Window for Comfortable Display of Programmed Keys
- High Performance 3-Track Magnetic Stripe Reader with Freely Programmable Headers and Terminators for Each Track
- Dual Insertion for Bi-directional Swipe of Magnetic Stripe Card
- Audible and Visual Indication of MSR Good Reads
- Flexible Parsing and Configuration of Magnetic Stripe Data Including Start/Stop Sentinels
- Powerful 'CHERRY Tools' Configuration Software Allows for Quick Product Set Up and Configuration

## Facts & Features (continued)

- Easy Configuration File Transfer with Window Explorer
- Comprehensive UPOS Support for Windows and Linux Client-Server Architectures
- Remote Network Installation with Cherry Tools Activator and Runtime Version
- Touchpad Version Reducing Desktop Footprint while Ensure Easy Cursor Navigation
- Yellow Status LED's
- Accessory Kit Available to Reconfigure Key Layout

## Technical Data

- **Current Input**  
Typ. 35 mA
- **Magnetic Stripe Reader**  
Standards:  
ISO 7811/-12, AAMVA, JIS  
others on request  
PCI DSS 3.0 compliant  
  
Durability:  
1 million cycles  
  
Reading Speed  
3-125 inch/s at 75 Bit/inch  
3-50 inch/s at 210 Bit/inch  
Data is decoded to keyboard scancodes
- **Touchpad**  
Resolution: 1000 dpi  
2 switch-activated mouse buttons
- **Cable Length**  
approx. 1.85 m  
approx. 6 ft
- **Key Layout**  
Compact size 135 / 123 position US key layout including Windows keys
- **Weight (without/with packaging)**  
Approx. 1.4 kg / 1.6 kg (without packaging)  
Approx. 3.08 lbs / 3.53 lbs (with packaging)
- **Dimensions**  
Keyboard: 360 x 198 x 38 mm  
Keyboard: 14.17 x 7.79 x 1.49 inches  
Packaging: 415 x 260 x 50 mm  
Packaging: 16.34 x 10.24 x 1.97 inches





## Technical Data (Continued)

- **Interface**  
USB 2.0
- **Packaging Unit**  
22 keyboards per master carton  
8 master cartons per pallet
- **Keyswitch Lifetime**  
25 million operations
- **Operating Temperature**  
0°C to 50°C
- **Storage Temperature**  
-20°C to 60°C
- **Agency Approvals / Instructions**  
CE, cURus, FCC Class B, VCCI, C-Tick, GOST-R,  
WHQL, RoHS, BSMI

- **Available Software**  
CHERRY Tools  
MS Windows™ , 2000, XP, Windows 7&8  
  
CHERRY Tools Runtime  
MS Windows™ , 2000, XP, XP Embedded, Windows 7&8  
  
OPOS Local Edition  
MS Windows™ , 2000, XP, XP Embedded, Windows 7&8  
  
OPOS Client/Server Edition  
MS Windows™ , 2000, XP, XP Embedded, Windows 7&8  
  
JPOS Local Edition  
MS Windows™ , 2000, XP, XP Embedded, Windows 7&8  
Suse Linux V8.1-9.0 / Kernel 2.4  
Suse Linux V9.1 / Kernel 2.6  
  
JPOS Client/Server Edition  
MS Windows™ , 2000, XP, XP Embedded, Windows 7&8  
Suse Linux V8.1-9.0 / Kernel 2.4  
Suse Linux V9.1 / Kernel 2.6
- **Delivery Volume**  
Keyboard, Quick Guide, CD ROM, Keycap Puller,  
Keyboard Feet
- **3 Years Warranty**

## Order Description

| <i>Order Number</i> | <i>Interface</i> | <i>Color</i> | <i>Keys</i> | <i>Options</i> |
|---------------------|------------------|--------------|-------------|----------------|
| G86-61400EUADAA     | USB              | Black        | 135         |                |
| G86-61400EUAEAA     | USB              | Lt. Gray     | 135         |                |
| G86-61401EUADAA     | USB              | Black        | 123         | Touch Pad      |
| G86-61401EUAEAA     | USB              | Lt. Gray     | 123         | Touch Pad      |
| G86-61410EUADAA     | USB              | Black        | 135         | MSR            |
| G86-61410EUAEAA     | USB              | Lt. Gray     | 135         | MSR            |
| G86-61411EUADAA     | USB              | Black        | 123         | Touch Pad, MSR |
| G86-61411EUAEAA     | USB              | Lt. Gray     | 123         | Touch Pad, MSR |

Available in various country versions upon request.

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