

GCK-982/983

Programmable controller for keyboard and cursor control

**Description**

The controllers of the series GCK-982/983 combines all significant keyboard interfaces in one controller. The use this controller permits a clear reduction of otherwise necessary tools and production costs. The manufacturer gets all possible interfaces with this controller and lets the user decide, which cable is to be attached in the last step of production .

Programming in only one Table is done per standardized [USB](#)-Usage-Codes.

Properties:

- Support of up to 128 keys in a matrix of up to 16x8
- Support of up to 8 functions per key e.g. for key-combinations
- A separate Block key enables the virtually doubling of the number of possible key so that up to 256 commands are possible
- Real N-key rollover (6-key rollover under USB)
- 3 LEDs (Caps-Lock, Scroll-Lock, Num-Lock) output
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- This controller offers USB, [ADB](#), AT or [PS/2](#) as possible keyboard interfaces.
- Automatic scanning of the used interface.
- Optional keyboard wedge for external keyboard
- Supports Power-On key for Apple per USB (opt.)
- Supports Power key for ADB, USB and PS/2
- Built-in mouse-Controller:
alternatively:
 - a) optical encoder supports [Trackballs](#) or
 - b) Versa-Point Encoder supports VersaPoint-sensors
- Up to 3 mouse functions can be controlled by 3 keys inside of the keyboard-matrix
- separate PS/2 and serial port for mouse function

The following combinations for keyboard and mouse are possible:

- USB for both
- ADB for both
- PS/2 for both
- PS/2 for keyboard and serial for mouse

Order Information

Order No.	Article	
CK1135	GCK-982-USB-O-EVAL	EVALUATION-Board
CK1147	GCK-982-USB-V-EVAL	EVALUATION-Board
CK1146	GCK-982-USB-O-Starter-Kit	starter-kit

Accessories

Order No.	Article	
ZK1260	GKA-397 	PC-Connection PS/2
ZK1344	GKA-397-4Meter 	PC-Connection PS/2

Links

Click!	Titel
	PI 023 - 05/04/2000 GCK-983/GCK-982 Keyboard Controller
	GCK-972 Keyboard Controller with Teach-In Freely programmable keyboard controller for a matrix up to 8x16 in 2 levels.

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