

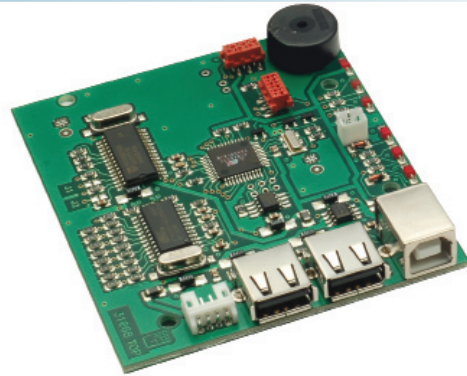
## CONTROLLER

» Co-ordinates the operation of integrated sub-modules, stores information and communicates to the computer.

## FCX-060-UXX, FCX-080-UXX

### USB controller

- » Supports the protect function
- » Integrated HUB with 2 downstream ports
- » USB type B connector (towards computer)
- » 2 x USB Type A connector (downstream ports)
- » Power consumption (without downstream ports): 25 mATYP typical



## FEATURES

- » Built-in buzzer for keyclick and warning tones
- » Non-volatile memory: 32 kB
- » Reprogrammable
- » Keeps data for more than 10 years (if disconnected from power)
- » 7 LEDs (4 for layer indication, Caps, Num and Scroll lock indication)
- » 4 possible programmable layers
- » One internal Tipro bus connector

## CABLES

» **TM-CU1** - USB keyboard cable for connecting controllers with USB interface to computer USB port

### » Colours

All cables for FREE modules are available in the following standard colours: light grey, black. Other cable colours are available on request.

## SOFTWARE UTILITY

### ChangeMe

#### » Programming the configuration.

Whatever the command you wish to program – whether to send complex strings, play warning tones, or use different interfaces simultaneously – you can use ChangeMe.

- » No technical knowledge is required
- » Automatic detection of connected configuration or keyboard
- » Permits downloading and uploading of data from file to keyboard and vice versa
- » All keys and combinations of keys can be programmed
- » Each key can be programmed in 4 layers
- » Distinguishes between simultaneously and subsequently pressed keys
- » Distinguishes between single and autorepeat functions for each key in each layer
- » Batch download (downloading programming file to the keyboard without using ChangeMe). Available also for Linux and MacOS.
- » Integrated testing utilities
- » Windows 2000/XP/Vista(x86) compatible

### Protect

- » A ChangeMe features added protection against misuse within the keyboard. It prevents the un-authorized use of certain key positions and key/keyboard combinations as defined by the user.
- » Permits security against unauthorised users.
- » Protects key combinations (e.g. Ctrl+Alt+Delete)
- » 4 levels of security
- » Login to keyboard alone – the password is not transferred to the computer
- » Protection data is stored within the keyboard.

