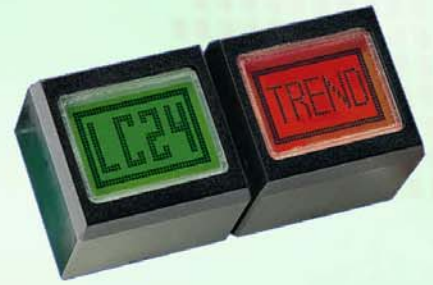


# Tactile SCREENKEYS



**Tactile ScreenKeys** are the latest addition to the ScreenKey product line from SK Interfaces Ltd. Tactile ScreenKeys offer operators positive tactile feedback for each keystroke operation. Tactile feedback is offered on both the well established LC Trend Series and the new RGB Series ScreenKeys.

**ScreenKeys** are programmable LCD pushbutton key switches with multicolour LED Backlighting.

**Tactile ScreenKeys** are dimensionally and electrically identical to the LC Trend and RGB Trend ScreenKeys, the only difference being a new internal pushbutton mechanism that provides tactile feedback for each keystroke. **Tactile ScreenKeys** incorporate an enhanced operational cycle lifetime of >3million operations.

## **Tactile ScreenKeys - Technical Overview:**

<i>Keyswitch Type:</i>	Tactile
<i>Keystroke:</i>	2.5mm travel with overtravel protection
<i>Tactile Force:</i>	1.3N +/- 0.2N
<i>Keyswitch Lifetime:</i>	>3 million operations

## **Backlighting:**

- Standard **LC Trend ScreenKeys** feature 4 red and 4 green LEDs.
- **RGB Trend ScreenKeys** use 4 red, 4 green and 4 blue LEDs in each key.

## **Resolutions:**

**LC Trend ScreenKeys** and **RGB Trend ScreenKeys** are offered with two resolutions:

- 32x16 pixel matrix resolution
- 36x24 pixel matrix resolution

## **Benefits:**

- Positive tactile feedback to the operator for each keystroke depression
- Enhanced keyswitch lifetime of >3 million operations
- Multi-color backlighting based on RG and RGB spectrum
- LEDs can be operated at two different intensities
- Display text, graphics and animations
- Freely programmable LCD
- Integrated Graphics and LED Controller (ASIC)
- Simple to integrate and design into projects
- Display and background color refreshed internally
- Software Development Toolset and Development Boards available
- Identical electrical and dimensional properties as the non-tactile Trend Series
- Only 6 contacts per ScreenKey (2 switch contact pins, 2 comms and 2 for power)



## **Order Information:**

<b><i>Part no.</i></b>	<b><i>Description</i></b>	
T125-1b	LC16.2 Trend Black ScreenKeys (32x16)	Tactile
T125-1g	LC16.2 Trend Grey ScreenKeys (32x16)	Tactile
T126-1b	LC24.2 Trend Black ScreenKeys (36x24)	Tactile
T126-1g	LC24.2 Trend Grey ScreenKeys (36x24)	Tactile
RGB16T	32x16 resolution RGB ScreenKeys	Tactile
RGB24T	36x24 resolution RGB ScreenKeys	Tactile

## **Contact Information:**

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