

## **Capsense Keyboard with RS232 Interface**

Capacitive sensing is a technology based on capacitive coupling which takes input as human body capacitance. Capacitive sensors are used in many devices applications. Capacitive sensors are preferred for various applications due to their versatility, reliability and robustness, low cost, ease of implementation.

### Features:

1. Manual touch sense tuning is not required
2. Right angle touch
3. Serial communication: Serial data is output on four pin connector
4. Buttons with backlight
5. Multicolor LEDs are used for effective backlighting
6. Strong immunity to noise
7. Ultra low power consumption
8. Low cost
9. Glass acrylic of 4.5mm thickness is used as overlay
10. Over voltage protection
11. Operating voltage 24v dc
12. Current rating 5A
- 13.

### Function:

Serial data transmission and reception

Based on RS232 protocol

### Application:

Application areas in which Touch sense and serial communication are used