**Capsense based LED light Intensity Controller**

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. LED light intensity is controlled by using PWM concept
2. PWM block with 16-bit resolution is used
3. Multiple pulse width output modes
4. Operating voltage 24v DC
5. Capsense technology is used for buttons
6. Ten sample points are used for intensity variations
7. Capsense up to 5mm thick overlay or glass acrylic
8. More than 76 high intensity LED's drived
9. Auto tuning for capsense sensitivity
10. Capsense sensitivity up to 5 mm thick overlay or glass acrylic
11. Low cost
12. Dimensions:

Function:

To control intensity of LED lights

Application:

Operation theatre

Speed control of various types of motors