

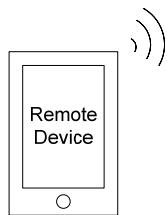
In accordance with FCC Part 15C, this module is listed as a Modular Transmitter device.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

The antenna of this transmitter must not be co-located or operating in conjunction with any other antenna or transmitters within a host device, except in accordance with FCC multi-transmitter product procedures.

FCC Label Instructions

The outside of final products that contains this module device must display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: **[POV12BTM001]**" or "Contains FCC ID: **[POV12BTM001]**." Any similar wording that expresses the same meaning may be used.



The BTM has four lines are connected to the console:

1. 5V (power cord) : 5 volt supply by console.
2. GND (ground) : is connected to the console ground.
3. TX (signal transmission line) : is connected to the receiving end of the console.
4. RX (signal reception line) : is connected to the transmission side of the console.

BTM Character

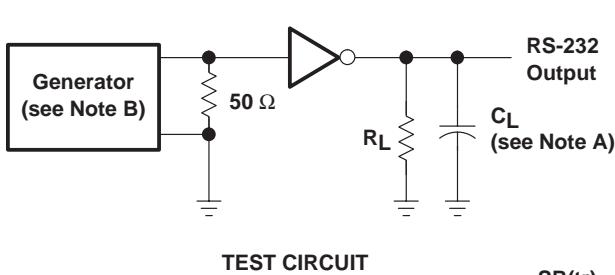
- V_{CC} : 5V
- Input Operating Voltage Range : 4.3V ~ 6.0V
- Current consumption : 100 mA
- Operating Junction Temperature : - 10 ~ 70 °C
- SIZE : 50 + 0.5 (L) * 50 + 0.5 (W) * 9.2 + 0.3 (H) mm
- ESD protection on all pins (HBM;MM): ≥ 4 kV; ≥ 400 V

RS232 Interface

- RS-232 Bus-Pin ESD Protection Exceeds ± 15 kV Using Human-Body Model (HBM)
- Meets or Exceeds the Requirements of TIA/EIA-232-F and ITU v.28 Standards
- Input voltage range, V_I: Drivers: -0.3 V to 6 V
- Receivers : -25 V to 25 V
- Output voltage range, V_O: Drivers: -13.2 V to 13.2 V
- Receivers: -0.3 V to V_{CC} + 0.3 V
- Note: V_{OH} $\geq + 3$ V , V_{OL} $\leq - 3$ V

I _{IH}	High-level input current	V _I = V _{CC}	± 0.01	± 1	μA
I _{IL}	Low-level input current	V _I at GND	± 0.01	± 1	μA

PARAMETER MEASUREMENT INFORMATION



$$SR(tr) = \frac{6 V}{t \text{ or } t}$$

