ASK Transmitter Modules

ET-TX-5 is ASK Transmitter Modules, it adopts advanced SMD technology with sound wave resonance gadget (SAW) components for stabilizing frequency. It has the features of small size, easy installation and simple operation. Easy pass kinds of FCC or CE certification.

Key Feature

- Operating Frequency: 315 / 433.92MHz
- Modulation Mode: ASK
- Operating Voltage: 1.8 ~ 3.6V
- Quiescent Current: 0uA
- Operating Current: 10mA
- Data Rate: 9.6Kbps
- Output Power: ≥10dbm
- Frequency Error: ±50KHZ
- Operating Temperature: -40°C ~ +85°C
- Transmission Distance: 300 ~ 500m (Matching Module: ET-RXB-8)
- Dimension: 11 * 16 * 5mm

Application

- Car security system
- Remote keyless entry
- Garage door controller
- Home security
- Wireless mouse
- Automation system
Electrical Characteristics

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Symbol</th>
<th>Condition</th>
<th>Specification</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating frequency</td>
<td>Fc</td>
<td></td>
<td>315</td>
<td>433.92 MHz</td>
</tr>
<tr>
<td>Modulation mode</td>
<td></td>
<td></td>
<td>ASK</td>
<td></td>
</tr>
<tr>
<td>Transmission power</td>
<td>9V/50Ω</td>
<td></td>
<td>10dBm</td>
<td>dBm</td>
</tr>
<tr>
<td>Deviation of frequency</td>
<td>Fc</td>
<td></td>
<td>±50K</td>
<td>Hz</td>
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<tr>
<td>Operating current</td>
<td>IRC</td>
<td></td>
<td>10 mA</td>
<td></td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>VCC</td>
<td></td>
<td>1.8</td>
<td>3.6 V</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>TC</td>
<td></td>
<td>-40</td>
<td>85 °C</td>
</tr>
</tbody>
</table>

Pin Dimension

1. GND
2. DATA
3. VCC
4. ANT

Diagram showing pin configuration and dimensions.