SC2262

SC2262 Description: (Compatible: PT2262)

SC2262 is a remote control encoder paired with either SC2272 utilizing CMOS Technology. It encodes data and address pins into a serial coded waveform suitable for RF modulation. SC2262 has a maximum of 10 bits tri-state address pins providing up to 59049 address codes; thereby, drastically reducing any code collision and unauthorized code scanning possibilities. SC2262 is one of the first generation of Encoder/Decoder ICs that utilizes the unique PTC technology. When paired with SC2272, this encoder/decoder (SC2262/SC2272) pair can operate at very wide temperature range. Thus, this very important feature enables your encoder/decoder to operate under the worst environmental condition.

SC2262 Features: (Compatible: PT2262)

- Low power consumption
- Wide operating temperature range: -30°C to 70°C
- 8 or 10 tri-state code address pins
- 2 or 4 data pins
- Wide range of operating voltage: 1.8-12 Volts
- Single resistor oscillator
- Least external components

SC2262 Applications: (Compatible: PT2262)

- Home/note car security system
- Garage door controller
- Remote fan controller
- Remote control toys

SC2262 Pin Configuration: (Compatible: PT2262)
SC2262 Application circuits: (Compatible: PT2262)
**SC2262 Rosc pairing:** (Compatible: PT2262)

<table>
<thead>
<tr>
<th>SC2262</th>
<th>1.2M</th>
<th>SC2272(PT2272)</th>
<th>220K</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 M</td>
<td></td>
<td></td>
<td>270K</td>
</tr>
<tr>
<td>2.7 M</td>
<td></td>
<td></td>
<td>330K</td>
</tr>
<tr>
<td>3.3M</td>
<td></td>
<td></td>
<td>680K</td>
</tr>
<tr>
<td>4.7M</td>
<td></td>
<td></td>
<td>820K</td>
</tr>
</tbody>
</table>