Renaissance Electronics has designed a dual 48 x 4 switch matrix for ATE applications that can cover from 700 MHz (LTE) to 6 GHz (Wi-Fi) frequencies. Using high reliability solid state switches, the switching speed is on the order of nanoseconds helping test handsets and other portable communication devices with minimum delay time. The switch layout and mechanical integrity is to provide more than 60 dB channel to channel isolation for accurate measurements.

**Features and Benefits**

- Covers LTE to Wi-Fi frequencies
- Uses high reliability solid state switches
- Minimum delay time
- Provides accurate measurements

**Specifications**

- **Frequency Range**: 700 MHz – 6.0 GHz
- **Insertion Loss**: 20 dB
- **Return Loss**: 12 dB
- **Input to Output Isolation**: 35 dB Min
- **Input Power**: 22 dBm Max