EC646 Ultra-Small, Low $R_{\text{ON}}$ Tuning SP4T

The EC646 is a high performance SP4T for antenna tuning applications. Ultra-small outline and very low $R_{\text{ON}}$ provides the ultimate in design flexibility for optimal antenna efficiency. The EC646 is designed to operate in demanding multi-band LTE applications.

**Features**
- High performance Shuntless SP4T for Antenna Band Switching or Active Steering™
  - Low 1.2 $\Omega$ SP4T ON Resistance
  - Exceptional Linearity: $> +80$ dBm IIP3
- Tiny 1.1 X 1.5 mm 10L Package
- Wide 2.3-4.8V $V_{\text{DD}}$ Range ($V_{\text{BATT}}$ Support)
- Simple 2 pin GPIO Control Interface
- Wide 100-3000+ MHz Operating Frequency

**Availability**
- Samples: Now
- Production: Now

- Ethertronics Confidential & Proprietary