

## **TQ Radio Operational Description**

The Traxxas model TQ radio (which contains module SA12163) is a 2.4GHz single board radio system with an 8 bit micro controller used to control the Cypress CYRF6936/7936 radio module. The radio operates in the unlicensed Worldwide Industrial, Scientific and Medical (ISM) band, in Direct Sequence Spread Spectrum mode. The application for this product is the hobby industry as a remote controller device. A dipole antenna is embedded within the SA12163 module and is not user serviceable or replaceable.