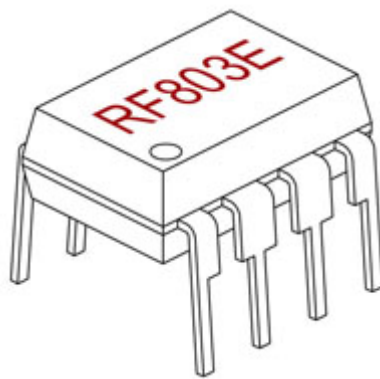




Better by Design

RF Solutions Ltd > Radio Modules & Chipsets > Encryption IC's > **RF803** Chipset

### RF803 Chipset



- 3 digital I/O
- Serial Data output
- Connects directly to RF Modules
- Easy Enc / Dec Pairing Function
- Performs all Data Encryption for Reliable Operation.
- Fast Activation / Deactivation Time
- Compatible with FireFly, FireBlade and 205 series Transmitters
- Sleep mode, for battery saving
- One to many / many to one relationship.

#### Part Number / Description



**RF803E**  
RF803E  
Encoder IC, 8  
Pin PDIP  
Package



**RF803E-SO**  
RF803E  
Encoder IC, 6  
Pin SOT-23  
Package



**RF803E-SOT**  
RF803E  
Encoder IC, 6  
Pin SOT-23  
Package,  
Taped and  
Reel



**RF803D**  
RF803D  
Deocder IC,  
8 Pin PDIP  
Package



**RF803D-SO**  
RF803D  
Deocder IC,  
8 Pin SOIC  
Package



**RF803D-SOT**  
**RF803D**

Decoder IC,  
8 Pin SOIC  
Package,  
Taped and  
Reel

**Product Description**

The **RF803** series are encoder and decoder devices. When combined with a Radio transmitter/receiver they may be used to create a remote control system with up to 3 I/O lines. The decoder IC incorporates an 'easy learn' pairing procedure to create a relationship between encoder and decoder.

RF800 Series ICs perform all the necessary data manipulation and encryption for an optimum range reliable radio link whilst providing a simple user interface. In addition all RF800 series chipsets compatible with the RF Solutions range of remote control transmitter or receiver meaning that custom designs using any RF800 part can be used with an off the shelf counterpart.