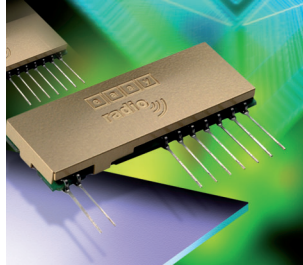


3rd generation easy-Radio modules

Low Power Radio Solutions (LPRS), Europe's leading supplier of short-range radio devices, has chosen Electronica to launch their 3rd generation easy-Radio, ER-03 modules. Back compatible with existing devices, they offer increased performance including additional range, frequency selection and higher data rates. Integration into applications has been made even easier. A new USB evaluation kit is also now available - "easy-Radio" - simplifying design verification. A complete wireless solution it includes simple to use software enabling busy design engineers to get wireless products to market in minimal time. No RF experience is required for this "out of the box" wireless communications solution.

The ER400TRS-03 / ER900TRS-03 modules are high performance ISM band transceivers capable of narrowband/wideband selection by the user. New modes are set by default, which provide optimised sensitivity and selectivity in each channel.



User selectable options are;

- Power: Selectable in 10 steps up to +10dBm
- Channels: (128 channels @12.5KHz bandwidth, 16 channels at 100KHz bandwidth) RS232 Baud Rate
- Bandwidth Selection: 12.5KHz, 25KHz, 50KHz, 100KHz, 150KHz, 200KHz, 300KHz.
- RF data rate: from 2.4K @ 12.5KHz to 76.8K@300KHz
- Sensitivity: up to -117dBm @ 12.5KHz bandwidth. - 107dBm @ default setting (100KHz bandwidth)

Low Power Radio Solutions
www.lprs.co.uk
Visit: Hall A4 – Booth W8