



LSE044 R1A Palm Adapter

General Description

The LSE044 R1A Palm Adapter providing Bluetooth connectivity over the Palm V serial port. The LSE044 R1A enables point-to-point communication over Bluetooth.

Features

- Bluetooth 1.1 compliant
- Data rates up to 460 kbps
- Integrated antenna

Bluetooth Application Profiles

- Generic Access Profile
- Serial Port Profile

Supported Applications

- HotSync

LSE044 R1A

Product Data Sheet

Radio Specifications

Frequency Range	2.402 - 2.480 GHz, Programmable for Specific National Regulations
Supported Specification	Bluetooth 1.1
RF Output Power	+ 2 dBm, Power Class 2
Power Management	Active power saving modes
Receiver Sensitivity	Better than -80 dBm at 0.1% BER
Frequency Spectrum Utilization	Frequency Hopping Spread Spectrum (FHSS)
Modulation	Gaussian Frequency Shift Keying (GFSK)
Bit-rate	1 Mbps
Antenna	Integrated
Regulative Compliance	ETS 300 328, ETS 300 826, EN 60 950 (Europe)

Electrical Characteristics

Int. Power Supply	2.0 - 3.3 V DC from a rechargeable battery (2xNIMH)
Current Consumption	110 mA max. 10 mA min.
Physical Interface	Palm Cradle Serial Connector Palm V power jack for external power supply.

LED Indicator

Adapter operating status /
Battery charger status.

Environment

Operating Temperature	±0° C to +45° C
Storage Temperature	-20° C to +70° C
Humidity	5-95% non-condensing

Configuration and Security

Initialization	4 digit PIN code
Authentication	Security mode 1 and 3 supported
Encryption	Supported

For latest info check the www.wireless.se site.

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