

BlueMoon™ - a proven solution
 BlueMoon™ I was the first official qualified Bluetooth™ system solution offered by a semiconductor manufacturer. Since its market launch, a number of products and applications have been developed based on the high performance and capabilities of BlueMoon™ I.
 Infineon offers dedicated, optimized system solutions for a variety of applications.
 Illustrated below are several examples of BlueMoon™ facilitating Bluetooth™ applications and products. BlueMoon™ brings Bluetooth™ alive!



Bluetooth™

Wireless Transmission of Images and Videos



Applications

- File Transfer (MPEG, JPEG, etc.)
- Object Exchange
- Wireless Internet Access

BlueMoon's Capabilities

- High speed (920 kbit/s)
- Long distance through high sensitivity
- Low power consumption

Description

- The camera provides wireless Internet and E-mail access including transmission of images via mobile phone network or by using an access point to telephone lines
- Using a photo taken with a camcorder you can create holiday greetings by sending them instantly to your friends and family

www.infineon.com/bluetooth

Bluetooth™
 Applications
 BlueMoon™ by Infineon



Never stop thinking.

Wireless Data Synchronization



Applications

- File Transfer
- Object Exchange (e.g. VCR)
- Synchronization of personal address book, mails, agenda, etc.
- Wireless Internet Access

BlueMoon's Capabilities

- High speed (920 kbit/s)
- Wider range of coverage due to outstanding system sensitivity
- Low power consumption
- Small size

Description

- The Bluetooth™ is plugged into the laptop to interface with the PDA using Compaq-Flash enabling the connection to LAN access points
- Synchronise your calendar, address book, emails, etc.
- Go ahead and surf the internet wireless

Wireless Headset



Applications

- Cordless Telephony
- Wireless Headsets
- Handsfree

BlueMoon's Capabilities

- Small size
- High quality audio
- Battery management
- Headset, serial and GAP profiles embedded

Description

- Enjoy the freedom of cordless telephony
- Accept or release calls and set volume
- LEDs indicate device status
- Includes DSP for echo and noise cancellation

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