BlueMoon™ - a proven solution

BlueMoon™ I was the first official qualified Bluetooth™ system solution offered by a semi-conductor 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!

Wireless Transmission of Images and Videos

- 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
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 device 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

Note: The Bluetooth trademarks are owned by their proprietor and used by Infineon Technologies under license.

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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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**Attention please!**

The information herein is given to describe certain components and shall not be considered as warranted characteristics.

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We hereby disclaim any and all warranties, including but not limited to warranties of non-infringement, regarding circuits, descriptions and charts stated herein.

Infineon Technologies is an approved CECC manufacturer.

**Information**

For further information on technology, delivery terms and conditions and prices please contact your nearest Infineon Technologies Office in Germany or our Infineon Technologies Representatives worldwide.

**Warnings**

Due to technical requirements components may contain dangerous substances. For information on the types in question please contact your nearest Infineon Technologies Office.

Infineon Technologies Components may only be used in life-support devices or systems with the express written approval of Infineon Technologies, if a failure of such components can reasonably be expected to cause the failure of that life-support device or system, or to affect the safety or effectiveness of that device or system. Life support devices or systems are intended to be implanted in the human body, or to support and/or maintain and sustain and/or protect human life. If they fail, it is reasonable to assume that the health of the user or other persons may be endangered.