I·CODE
I·CODE SLI Smart Label IC
SL2 ICS20

Typical I·CODE Applications

Airline Baggage Tagging

Rental Services (automated library systems)

Parcel and Mail Services

Supply Chain Management

Philips Semiconductors has expanded its I·CODE technology platform with the I·CODE SLI smart label IC. Fully ISO compliant, this I·CODE IC allows cost efficient, flexible and upgradeable system solutions and can be identified by any ISO 15693 reader. This is a major step towards standards and open systems for radio frequency identification technology.

Designed to serve the mass markets with many millions of labels per applications per year, the I·CODE SLI is targeted at applications requiring a worldwide standardized infrastructure, such as parcel shipping, airline baggage tagging, supply chain management and other item management applications.

Features

- 13.56 MHz operating frequency
- ISO 15693 compliant interface
- 1024 bit memory
- 64-bit unique serial number
- Write protection for memory
- Up to 1.5 m operating range (read/write)
- Anti-collision algorithm allows simultaneous operation of several tags
- High data transfer and read speed
- No line of sight required
- Battery free
- Compatible with existing I·CODE reader infrastructure (only firmware upgrade required)

Benefits for I·CODE users

- Global platform technology due to world wide open standard ISO 15693 and RF regulations
- Best price/performance ratio
- Highest automation of the item scanning process
- No line of sight necessary
- No item singulation required
- No battery needed
- Maintenance free, suitable for harsh environments
- Accurate inventory through automated control

For further information please contact your local Philips Semiconductors Sales Office

Specification subject to change without notice
SL2 ICS20 will be available as from Q2/2001

Visit our website at
www.semiconductors.com/identification
Info.bli@philips.com

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