ASK LoGO Development Kit
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Development Kit content

- 1 LoGO reader
- 1 Calypso GTML® and 1 Calypso GTML2® cards with test keys
- 1 Tango UT® and 1 Tango® EMV®
- 1 Mifare Classic® 1K and 1 Mifare Plus® 2K cards
- 1 Mifare DESFire® 2K card
- 4 C.ticket® (1 CTS512B, 1 CTS512A, 1 CTM1536AC, 1 SRT512)
- 1 media (USB key) containing drivers, applications, libraries and documentation
- 1 LoGO User Manual
Development kit description

Cards and C.tickets® samples

LoGO Reader

User manual

Drivers, Applications, Libraries & Documentation on media (USB key)
LoGO functionalities

- ISO14443 A/B/B', Felica®, Mifare®
- High speed RF communication: 106 up to 848 Kb/s for ISOA/B, 212 up to 424 Kb/s for Felica®
- Cryptographic security with integrated Mifare® ASIC or external SAM
- USB2.0 full speed bus powered interface
- High power RF interface
- Windows PC/SC driver (WHQL certified)
- 4 signaling LEDs, user programmable
LoGO description

- 4 signaling LEDs, user programmable
- Custom laser engraving and/or pad printing
- USB cable
Software installation

• Copy the USB key root directory to a directory on your hard drive.

• Some application and tools require standard “Setup”

• Evaluation applications are described in the document “RD-MU-09110_xx_LoGO Evaluation applications user manual.pdf”
Drivers installation

• Uses the Windows Operating System standard process for driver installation or use «DriverInstaller.exe» or «DriverInstaller64.exe» utilities, from the «Drivers» directory.

Media contents

- Documentation
  - User manuals (Reader & Software installation)
  - Technical specifications
- Software
  - Drivers, evaluation applications and utilities
  - Programming specifications with example source code
Media architecture

- Evaluation applications user manual
- LoGOPolling: card detection and identification
- ASKPCSC: PCSC utility
- ASK ePassport Viewer: display ICAO cards contents
- Golden Reader: standard tool for ICAO cards
- ASK Credential Provider: use Tango UT or Tango RSU cards to logon on Windows OS.
Media architecture

- Windows PC/SC driver (Microsoft WHQL certified)
Media architecture

- Programming specifications
- Example source code using C
- Example source code using Java
- DESFire Library: high level commands with integrated crypto (NXP® source)
Media architecture

- LoGO technical specifications
Media architecture

• LoGO user manuals
Media architecture

- PCSCKB: keyboard emulation for LoGO
- InitPCSCLoGO: allows to change RF settings on LoGO (update for the first batch, RDR608 Type: RD-DE-09084-10)
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