Advanced Card Systems Ltd.
Card & Reader Technologies

SMART CARDS & SMART CARD OPERATING SYSTEMS

ACOS6

Multi-Application e-Purse Card

ACOS6 is a high speed and flexible smart card that offers a cost-effective solution. It is specifically designed to address the requirements of storing multiple applications and multiple e-purses in a single smart card.

The ACOS6 is suitable for a wide range of applications, such as government services, payment applications, online top-up and loyalty programs. Each application can be protected by individual security features, ensuring that each one is independent.

For more information, please contact info@acs.com.hk.

Smart Card Features

- ☑ **Contact Interface: T=0**
- ☑ **64 KB Memory**
- ☑ **Anti-Tearing**

Cryptographic Capabilities

- ☑ **DES, 2K3DES**
- ☑ **FIPS 140-2 compliant hardware based RNG**
- ☑ **Mutual authentication with session key generation**

Certifications / Compliance

- ☑ **ISO 7816 – 1/2/3/4 (T=0 Only)**
- ☑ **CC EAL5+ (chip level)**

Customization

- ☑ **SIM-Sized (Contact)**
- ☑ **PVC/PET/PC/ABS**
- ☑ **Hi-co/Lo-co Magnetic Stripe**
- ☑ **Color Printing**
- ☑ **Signature Panel/Barcode**

Common Applications

e-Government
Banking & Payment
e-Healthcare
Access Control
Network Security
e-Purse & Loyalty

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