



# Advanced Card Systems Ltd.

Card & Reader Technologies

SMART CARDS & SMART CARD OPERATING SYSTEMS

# ACOSJ-P

## PBOC 3.0 DC/EC Card

ACOSJ-P conforms to PBOC 3.0, allowing it to be used for debit/credit application and QPBOC applications.

With a built-in PBOC 3.0-certified Java applet, ACOSJ-P provides a secure and easy application platform for unlocking possibilities and realizing potential in payment and other value-added services.

ACOSJ-P supports international and China national cryptographic algorithms and complies with the UnionPay standard. It completely meets the requirements of Debit Credit (DC), electronic cash (EC), and other financial applications.

With its fast read/write speed, high durability and unique security architecture, a single ACOSJ-P card can house multiple highly secure applications, including banking applications.

### Smart Card Features

- ✓ Contact Interface: T=0, T=1
- ✓ Contactless Interface: T=CL
- ✓ 12 KB Memory
- ✓ Anti-Tearing

### Cryptographic Capabilities

- ✓ RSA: 768 to 2048 bits
- ✓ DES, 2K3DES
- ✓ Hash: SHA1, SHA224, SHA256, SHA384, SHA512
- ✓ SM2, SM3, SM4

### Certifications / Compliance

- ✓ PBOC 3.0
- ✓ Java Card Classic v3.0.4
- ✓ Global Platform v2.2.1
- ✓ ISO 7816 - 1/2/3/4
- ✓ ISO 14443 - Type A
- ✓ CC EAL5+ (chip level)

### Customization

- ✓ Hi-co/Lo-co Magnetic Stripe
- ✓ Color Printing
- ✓ Signature Panel/Barcode



### Common Applications

- e-Banking
- e-Payment

