

IC Card Reader Module – IFM

- ▶ Smart Card Interface Module(IFM) is EMV Level 1 certified.
- ▶ Stable operation assured by implementing GemCore chipset.
- ▶ Mini form factor specialized for mobile devices.
- ▶ EMV Level 1 re-certification is not required upon product adoption.

SCS-IFM2v0



- EMV Level 1 Certified
- Standard : ISO7816, EMV2000
- Host Interface : UART and USB Support
- Excellent Performance with Reasonable Price

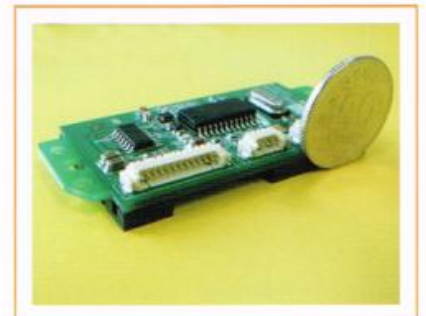
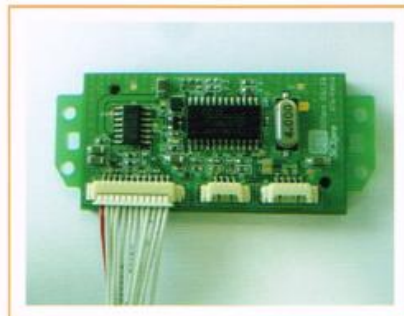
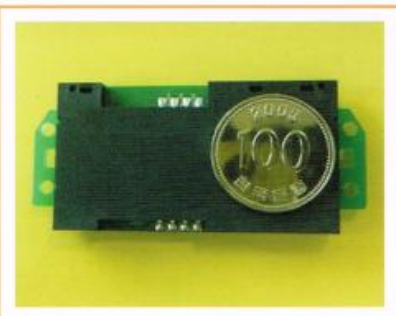
| | |
|------------------------|-----------------------------|
| Model Type | Smart Card Interface Module |
| SAM Support | Direct 1EA |
| Certification | EMV Level 1 |
| Host Interfaces | Serial(TTL level), USB |
| Power | +5V |
| Dimension(mm) | 68(W) x 8.6(H) x 31(D) |

SCS-IFM3v0



- EMV Level 1 Certified
- Standard : ISO7816, EMV 2000
- 4 SAM, 1 Smart Card Support
- Excellent Performance with Reasonable Price

| | |
|------------------------|-----------------------------|
| Model Type | Smart Card Interface Module |
| SAM Support | Direct 4EA |
| Certification | EMV Level 1 |
| Host Interfaces | Serial(TTL level), USB |
| Power | +5V |
| Dimension(mm) | 68(W) x 8.6(H) x 31(D) |

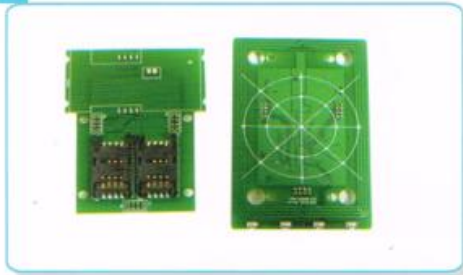




RF Card Reader Module – RFM

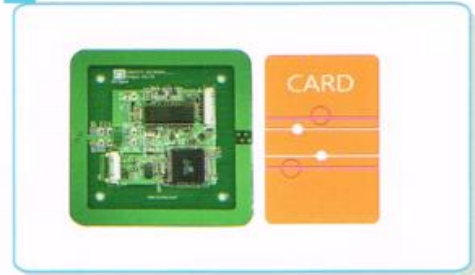
- ▶ New Contactless Card Interface Module based on international RF standards certified by Visa and MasterCard.
- ▶ Supporting ISO18092(NFC), ISO14443 Type A&B, Mifare and ISO15693(Optional).
- ▶ Module dimension customizable upon request.

SCS-NFM1v0



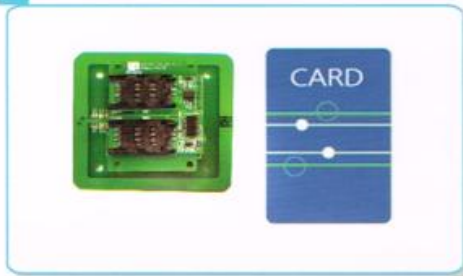
- NFC Function Support
- ISO 18092 Support
- 2 SAM, 1 CARD(Optional)
- One-Body Type Main & Antenna Board

SCS-RFM1v0



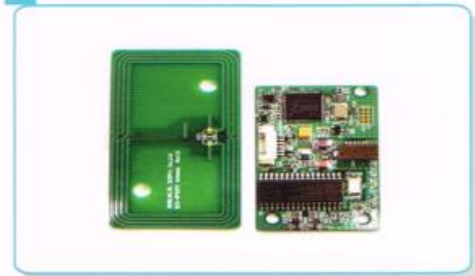
- Contactless Card Read/Write
- ISO 14443 Type A,B, Mifare
- Support ISO 15693(Optional)
- One-Body Type Main & Antenna Board

SCS-RFM2v0



- ISO 14443 Type A,B, Mifare
- Support ISO 15693(Optional)
- Support 2 SAM(Optional)
- One-Body Type Main & Antenna Board

SCS-RFM3v0



- ISO 14443 Type A,B, Mifare
- Support ISO 15693
- Separable Main & Antenna Cable
- Available on PDA, Mini Size

| Model | SCS-NFM1v0 | SCS-RFM1v0 | SCS-RFM2v0 | SCS-RFM3v0 |
|---------------------|---|---|---|---|
| Model Type | NFC Module | Contactless Card Interface Module | Contactless Card Interface Module | Contactless Card Interface Module |
| R/F Standard | ISO 18092 (ISO 14443 Type A,B, Mifair Felica p2p) Support | ISO 14443 Type A,B Mifare ISO 15693(Optional) | ISO 14443 Type A,B Mifare ISO 15693(Optional) | ISO 14443 Type A,B Mifare ISO 15693 |
| Power | +5VDC@400mA | +5VDC@300mA | +5VDC@300mA | +5VDC@300mA |
| External Interfaces | Serial(RS232 or 3.3V TTL), USB | Serial(5.0V TTL) | Serial(RS-232C) | Serial(3.3V TTL) |
| Dimension(mm) | 95.0(L) x 60.0(W) | 75.0(L) x 75.0(W) | 75.0(L) x 75.0(W) | 48 x 30.4/(Ant) 60 x 32 |

