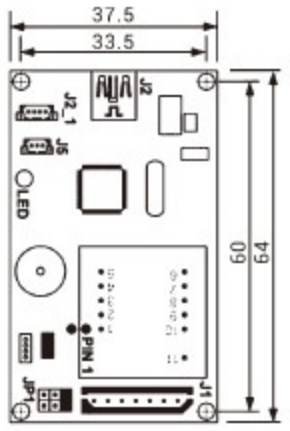
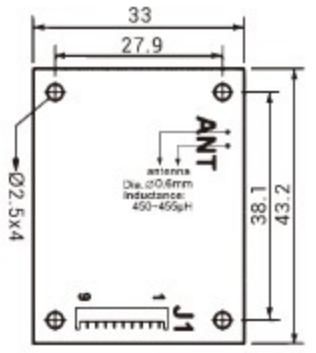
ST80100
125KHz ASK RFID EM module starter kit W/O antenna



Features
- With indicating power & status LED
- With buzzer for sound warning
- Supporting multi-cable wiring connection (7pin, 3pin, mini USB cable) convert into multi-interface output for testing
- No need to install driver (keyboard emulator)
- With 4 fixed holes around the corner

Specificatons
- Power input: 5VDC
- Standby current: 37mA ±10% @ 5VDC
- Operating current: 40mA ±10% @ 5VDC
- Operating Temp.: -10°C to +75°C
- Storage Temp.: -20°C to +85°C
- Output format: Wiegand, ABA, RS-232, USB

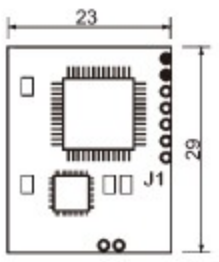
ST80102
125KHz FSK RFID H.I.D. module W/O antenna



It is ultra-low power modules designed to operate from 4V to 9V. At its lower power setting is consumes just 15μA making these modules the perfect low power alternative to conventional readers. The modules support Wiegand 25~40 data formats and able to read H.I.D. or compatible cards and ideal for fixed and portable applications.

Specificatons
- Power input: 4V ~ 9VDC
- Reading range: 30mm @ 4VDC
  35mm @ 9VDC
- Standby current: 10 ~ 15μA
- Operating current: 21.3 ~ 23.8mA
- Operating Temp.: -30°C to +65°C
- Storage Temp.: -40°C to +85°C
- Applicable cards: H.I.D. or compatible card
- Output format: Wiegand 25~40 bits

ST80110
13.56MHz RFID Felica / Mifare (UID) module W/O antenna

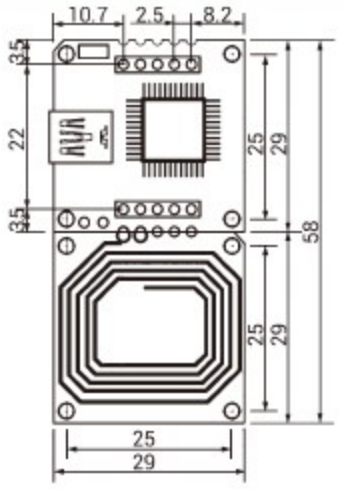


This is designed in accordance with Felica ISO 18092 (UID) & Mifare ISO 14443A (UID) standard to read the contact less smart card. It is easy to use as Mifare card reader via UART (TTL) interface communicated with PC. It is designed for low cost and high security as well as convenience and reliability.

Features
- SDK simplifies various RFID product developments
- High data integrity
- High speed data transfer

Specificatons
- Power input: 5VDC
- Reading range: Depending on tag size & type, and antenna size
- Standby current: 65mA ±10% @ 5VDC
- Operating current: 65mA ±10% @ 5VDC
- Operating Temp.: -10°C to +70°C
- Storage Temp.: -20°C to +85°C
- Applicable cards: Mifare S50 / S70, Ultralight, Felica or compatible card
- Output format: UART (TTL)

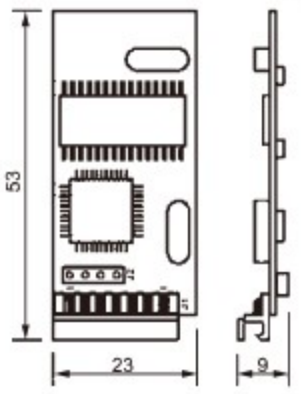
ST80112
13.56MHz RFID Felica / Mifare (UID) module W/antenna



Features
- Support Felica ISO 18092 (UID) & Mifare ISO 14443A (UID)
- Antenna can be replaced upon request
- Supply firmware modification accords to request of special function
- High speed data transfer and high integrity
- With fixed holes around the corner

Specificatons
- Power input: 5VDC
- Reading range: 4cm Max. / card (t:0.8mm)
  3cm Max. / tag
- Standby current: 43mA ±10% @ 5VDC
- Operating current: 50mA ±10% @ 5VDC
- Operating Temp.: -10°C to +75°C
- Storage Temp.: -20°C to +85°C
- Applicable cards: Mifare S50 / S70, Ultralight, Felica or compatible card
- Output format: Wiegand 26 bits, UART (TTL), USB
- Material: PCB only
- Transmission Spec.: 9,600 bps N, 8, 1

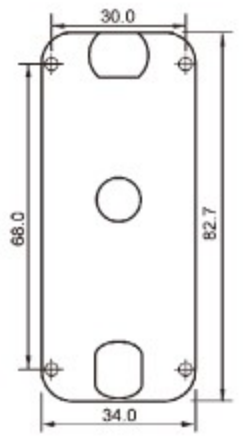
ST80114
13.56MHz RFID Mifare read & write module W/O antenna



Features
- SDK simplifies various RFID product developments
- ISO 14443A
- High speed data transfer
- High data integrity
- Anti-collision
- Manchester coding

Specificatons
- Power input: 4.5V ~ 5.4VDC
- Reading range: Depending on tag size & type, and antenna size
- Operating Temp.: -10°C to +75°C
- Storage Temp.: -20°C to +85°C
- Applicable cards: Mifare S50 / S70, Ultralight or compatible card
- Output format: Wiegand 26 bits, ABA, RS232

ST80116
13.56MHz RFID Mifare access control module W/antenna



Features
- Low cost with effective performance
- Compact size for designing in all kinds of products
- 64 legal cards can be registered thru simple learning
- Setting for access / security / open-door functions
- No any computer is need
- With dry contact (form A relay)

Specificatons
- Power requirement: 6V ~ 12VDC / 80mA
- Reading range: 5 ~ 7cm
- Supported tag-ICs: Mifare S50 / S70, easy card or compatible card

Applications
- Low cost access controller
- Arm / disarm for security system
- Door access paired with intercom
- Coffer
- Any access control applications by Mifare card