

# F2F Decoder IC

## Dual Track (BS200E) / Triple Track (BS300E)



### Applications

- \* Magnetic stripe card reader.
- \* POS Keyboard.
- \* Security Control.
- \* CAT(Card Authorization Terminal).
- \* Boarding Pass Reader.

### Features

- ☐ CMOS ASIC IC for F2F magnetic stripe encoding card reader.
- ☐ Built-in operational amplification circuitry.
- ☐ Low power consumption best for portable, hand-help devices.
- ☐ Operational power 3.3v/5.0v automatic control.
- ☐ Two modes for RCP width. One is 14~ 60us. The other one is 1/4 RDP width.
- ☐ Power down modes for stand-by control.
- ☐ Support for 75/210 BPI recording density.
- ☐ Speed range: 300 to more than 12000 bit/sec.
- ☐ Built-in Boarding Pass Ticket reading solution--- recovery for data lose.
- ☐ Small outline and surface mount design.

### Specification

Model	Description	Voltage	Current	Speed range	Packing
BS100E	Single track	DC3.3V/5V	1.0/1.25mA	4~55 ips	SOP- 16
BS200E	Dual track	DC3.3V/5V	1.0/1.25mA	4~55 ips	SOP- 24
BS300E	Triple track	DC3.3V/5V	1.0/1.25mA	4~55 ips	SSOP-48

- Operation Temperature : -30°C ~ +70°C