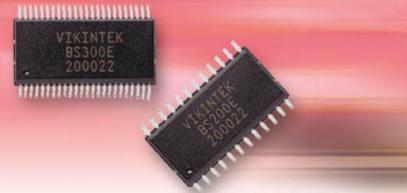
## F2F Decoder IC

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



### **Applications**

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

#### **Features**

$\square$	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.
П	Small outline and surface mount design.

CMOS ASIC IC for EQE magnetic string anading and reader

### 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

