

Appendix

Key MB85RC256V Specifications

Feature	Specifications
Memory density	256 kbit with a configuration of 32k words x 8 bits
Operating voltage	2.7 V to 5.5 V
Operating frequency	2.7 V to 4.5 V: 400 kHz (max) 4.5 V to 5.5 V: 1 MHz (max)
Interface	Serial I ² C
Data retention	10 years (operating temp.: -40 °C to 85 °C)
Endurance	1 trillion (10 ¹²) times
Packaging	8-pin plastic SOP (FPT-8P-M02) 8-pin plastic SOP (FPT-8P-M08)

FRAM Standalone Product Line-Up

