

DATA SHEET

Part No.	MN63Y1050 MN63Y1005
Package Code No.	

SEMICONDUCTOR COMPANY
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

MN63Y1050, MN63Y1005

LSI for Contact-less IC Tag and Card

■ Overview

The MN63Y1050 and MN63Y1005 are LSIs for contact-less IC tags and cards with embedded FeRAM. The FeRAM supports low power consumption, high-speed data rate, and high endurance. RF interface conforms to the ISO standard.

■ Features

MN63Y1050

- Long operation range of 35 cm
- Write verify by only one command.

MN63Y1005

- Proprietary protocol and high-speed data rate of 212 Kbps which realize high performance communication.

■ Applications

Tags for logistics and FA, IC cards for royalty and security control.

■ Specifications

Product		MN63Y1050	MN63Y1005
Functions	RF Interface	ISO15693	ISO14443-B
	Data Rate	26.49 Kbps / 1.65 Kbps	212 Kbps
	Operation Distance *	35 cm	10 cm
	Anti-Collision Function	Yes	No
	Non-Volatile Memory	FeRAM	
	Memory Area (User Area)	512-bit (384-bit)	1120-bit (1024-bit)
	Endurance Cycle	100 million	

* Depending on the output power from R/W and the design of the antenna

Note : The detailed information for this product is disclosed after non-disclosure agreement between your company and MEI.

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