

Fujitsu FRAM 64kbit I²C (RC64, RC64A, RC64TA)

MB85RC64TA is newly design improved 64kibt I²C FRAM.

With same package/pin assignment as MB85RC64 and MB85RC64A.

For easy drop-in replacement. Smaller SON8 package added.

Item	MB85RC64	MB85RC64A	MB85RC64TA
Operating voltage	2.7V-3.6V	2.7V-3.6V	1.8V-3.6V
Temperature	-40 ~ +85°C	-40 ~ +85°C	-40 ~ +85°C
Clock frequency	Max 400kHz	Max 1MHz	Max 3.4MHz
Package	SOL 8pin	SOL 8pin	SOL 8pin, SON 8pin
Data retention	10years @85C	10years @85C	10 years @85C
Endurance	1E12@85°C	1E12@85°C	1E13@85°C
Standby current	Max: 20uA	Max: 20uA	Max: 13uA
Sleep current	-	-	Max: 6uA
Active current	Max : 150uA@400kHz	Max : 375uA@1MHz	Max: 80uA@1MHz Max:270uA@3.4MHz
Status	NRND	NRND	Active (recommended)