

# Fujitsu FRAM 64kbit I<sup>2</sup>C (RC64, RC64A, RC64TA)

MB85RC64TA is newly design improved 64kibt I<sup>2</sup>C 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	<b>1.8V-3.6V</b>
Temperature	-40 ~ +85°C	-40 ~ +85°C	-40 ~ +85°C
Clock frequency	Max 400kHz	Max 1MHz	<b>Max 3.4MHz</b>
Package	SOL 8pin	SOL 8pin	SOL 8pin, <b>SON 8pin</b>
Data retention	10years @85C	10years @85C	10 years @85C
Endurance	1E12@85°C	1E12@85°C	<b>1E13@85°C</b>
Standby current	Max: 20uA	Max: 20uA	<b>Max: 13uA</b>
Sleep current	-	-	<b>Max: 6uA</b>
Active current	Max : 150uA@400kHz	Max : 375uA@1MHz	<b>Max: 80uA@1MHz</b> <b>Max:270uA@3.4MHz</b>
Status	NRND	NRND	Active (recommended)