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Motorola Semiconductor Technical Data

Addendum to
MC68HC08AS32
Advance Information

Freescale Semiconductor, Inc.

This addendum provides corrections to the *MC68HC08AS32 Advance Information, Motorola document order number MC68HC08AS32/D.*

The MC68HC08AS32 is now available in M temperature range. Therefore, temperature specifications need to be changed in two tables.

1. Page 373, change the operating temperature range from –40 to 105 to –40 to 125.

From:

21. 3 Functional Operating Range

Rating	Symbol	Value	Unit
Operating temperature range	T_A	–40 to 105	°C
Operating voltage range	V_{DD}	5.0 ± 10%	V

To:

21. 3 Functional Operating Range

Rating	Symbol	Value	Unit
Operating temperature range	T_A	–40 to 125	°C
Operating voltage range	V_{DD}	5.0 ± 10%	V

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Addendum

2. Page 374, change the Stop information. Only the relevant portion of the table is shown.

From:

21.5 5.0-Volt DC Electrical Characteristics Control Timing

Characteristic	Symbol	Min	Typ	Max	Unit
V_{DD} + V_{DDA}/V_{DDREF} Supply Current					
Run(3)		—	—	30	mA
Wait(4)		—	—	15	mA
Stop(5)	I_{DD}				
25 °C		—	—	5	µA
–40 °C to 105 °C		—	—	50	µA
25 °C with LVI Enabled		—	—	400	µA
–40 °C to +105 °C with LVI Enabled		—	—	500	µA

To:

21.5 5.0-Volt DC Electrical Characteristics Control Timing

Characteristic	Symbol	Min	Typ	Max	Unit
V_{DD} + V_{DDA}/V_{DDREF} Supply Current					
Run(3)		—	—	30	mA
Wait(4)		—	—	15	mA
Stop(5)					
25 °C	I_{DD}	—	—	5	µA
–40 °C to 105 °C		—	—	50	µA
–40 °C to 125 °C		—	—	100	µA
25 °C with LVI Enabled		—	—	400	µA
–40 °C to +125 °C with LVI Enabled		—	—	500	µA

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