

# *Addendum to* **MC68HC08AS32** **Advance Information**

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	$V_{DD}$	$5.0 \pm 10\%$	V

**To:**

### **21. 3 Functional Operating Range**

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



**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 <sup>(3)</sup>	$I_{DD}$	—	—	30	mA
Wait <sup>(4)</sup>		—	—	15	mA
Stop <sup>(5)</sup>		—	—	5	$\mu$ A
25 °C		—	—	50	$\mu$ A
–40 °C to 105 °C		—	—	400	$\mu$ A
25 °C with LVI Enabled		—	—	500	$\mu$ A
–40 °C to +105 °C with LVI Enabled		—	—		

**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 <sup>(3)</sup>	$I_{DD}$	—	—	30	mA
Wait <sup>(4)</sup>		—	—	15	mA
Stop <sup>(5)</sup>		—	—	5	$\mu$ A
25 °C		—	—	50	$\mu$ A
–40 °C to 105 °C		—	—	100	$\mu$ A
–40 °C to 125 °C		—	—	400	$\mu$ A
25 °C with LVI Enabled		—	—	500	$\mu$ A
–40 °C to +125 °C with LVI Enabled	—	—			

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