

Motorola Semiconductor Technical Data

Addendum to **MC68HC908BD48** **Technical Data**

This addendum provides corrections to:

MC68HC908BD48 Technical Data (Motorola document number
MC68HC908BD48/D Rev. 1.0)

Page 274: Add VSYNC and HSYNC; and change LVI parameters in
21.6 DC Electrical Characteristics.

From:

Characteristic	Symbol	Min	Typ ⁽²⁾	Max	Unit
Input High Voltage All ports, $\overline{\text{IRQ}}$, $\overline{\text{RST}}$, OSC1	V_{IH}	$0.7 \times V_{\text{DD}}$	—	V_{DD}	V
Input Low Voltage All ports, $\overline{\text{IRQ}}$, $\overline{\text{RST}}$, OSC1	V_{IL}	V_{SS}	—	$0.2 \times V_{\text{DD}}$	V
Low-Voltage Inhibit, trip falling voltage	V_{TRIPF}	3.5	3.8	4.5	V
Low-Voltage Inhibit, trip rising voltage	V_{TRIPR}	3.5	4.0	4.5	V

To:

Characteristic	Symbol	Min	Typ ⁽²⁾	Max	Unit
Input High Voltage All ports, $\overline{\text{IRQ}}$, $\overline{\text{RST}}$, OSC1 VSYNC, HSYNC	V_{IH}	$0.7 \times V_{\text{DD}}$ 2.0	—	V_{DD} V_{DD}	V
Input Low Voltage All ports, $\overline{\text{IRQ}}$, $\overline{\text{RST}}$, OSC1 VSYNC, HSYNC	V_{IL}	V_{SS} V_{SS}	—	$0.2 \times V_{\text{DD}}$ 0.8	V
Low-Voltage Inhibit, trip falling voltage	V_{TRIPF}	3.4	3.6	3.8	V
Low-Voltage Inhibit, trip rising voltage	V_{TRIPR}	3.6	3.8	4.0	V

Home Page:

www.freescale.com

email:

support@freescale.com

USA/Europe or Locations Not Listed:

Freescale Semiconductor
 Technical Information Center, CH370
 1300 N. Alma School Road
 Chandler, Arizona 85224
 (800) 521-6274
 480-768-2130

support@freescale.com

Europe, Middle East, and Africa:

Freescale Halbleiter Deutschland GmbH
 Technical Information Center
 Schatzbogen 7
 81829 Muenchen, Germany
 +44 1296 380 456 (English)
 +46 8 52200080 (English)
 +49 89 92103 559 (German)
 +33 1 69 35 48 48 (French)
support@freescale.com

Japan:

Freescale Semiconductor Japan Ltd.
 Headquarters
 ARCO Tower 15F
 1-8-1, Shimo-Meguro, Meguro-ku
 Tokyo 153-0064, Japan
 0120 191014
 +81 2666 8080

support.japan@freescale.com

Asia/Pacific:

Freescale Semiconductor Hong Kong Ltd.
 Technical Information Center
 2 Dai King Street
 Tai Po Industrial Estate,
 Tai Po, N.T., Hong Kong
 +800 2666 8080

support.asia@freescale.com

For Literature Requests Only:

Freescale Semiconductor
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