Addendum to MC68HC908AP64 Data Sheet, Rev. 2.5

This addendum provides update to the *MC68HC908AP64 Data Sheet*, Rev. 2.5 (Freescale document number MC68HC908AP64/D).

Page 417:

Update *Output high voltage* and *Output low voltage* parameters in **Table 24-4 DC Electrical Characteristics (5V)**.

From:

Characteristic	Symbol	Min	Тур	Max	Unit
Output high voltage (I _{LOAD} = -12mA) PTA[0:7], PTB[4:7], PTC[0:5], PTD[0:7]	V _{OH}	V _{DD} -0.8	_	-	٧
Output low voltage (I _{LOAD} = 8mA) PTA[0:7], PTB[4:7], PTC[0:5], PTD[0:7] (I _{LOAD} = 15mA) PTB[0:3], PTC[6:7] (I _{LOAD} = 15mA) as TxD, RxD, SCTxD, SCRxD (I _{LOAD} = see Table 24-12) as SDA, SCL	V _{OL} V _{OL} V _{OLSCI} V _{OLIIC}	1111	1111	0.4 0.4 0.4 0.4	> > > >

To:

Characteristic	Symbol	Min	Тур	Max	Unit
Output high voltage					
$(I_{LOAD} = -12 \text{mA}) \text{ PTA}[0:7], \text{ PTB}[4:7], \text{ PTC}[0:5], \text{ PTD}[0:7]$	V_{OH}	V _{DD} -0.8	_	_	V
$(I_{LOAD} = -15 \text{ mA}) \text{ PTA}[0:7], \text{ PTB}[4:7], \text{ PTC}[0:5], \text{ PTD}[0:7]$	V_{OH}	V _{DD} -1.0	_	_	V
Output low voltage					
(I _{LOAD} = 6mA) PTA[0:7], PTB[4:7], PTC[0:5], PTD[0:7]	V_{OL}	_	_	0.4	V
$(I_{LOAD} = 12 \text{ mA}) \text{ PTB}[0:3], \text{ PTC}[6:7]$	V_{OL}	_	_	0.4	V
(I _{LOAD} = 15mA) PTA[0:7], PTB[4:7], PTC[0:5], PTD[0:7]	V_{OL}	_	_	0.8	V
(I _{LOAD} = 15mA) PTB[0:3], PTC[6:7]	V_{OL}	_	_	0.6	V
(I _{LOAD} = 15mA) as TxD, RxD, SCTxD, SCRxD	V _{OLSCI}	_	_	0.4	V
(I _{LOAD} = see Table 24-12) as SDA, SCL	V _{OLIIC}	_	_	0.4	V

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Pages 419 and 423:

Correct Internal oscillator clock frequency parameters in

Table 24-6 Oscillator Specifications (5V) and Table 24-10 Oscillator Specifications (3V).

From:

Characteristic	Symbol	Min	Тур	Max	Unit
Internal oscillator clock frequency	f _{ICLK}	16k	22k	26k	Hz

To:

Characteristic	Symbol	Min	Тур	Max	Unit
Internal oscillator clock frequency	f _{ICLK}	64 k	88k	104k	Hz

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