The Essentials of Computer Organization and Architecture
3rd Edition

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Errata (2nd and 3rd Printings)

As errors are found in the textbook, they will be added to this list. The list will be updated as necessary. If you find an error, please send it to *ecoa@jbpub.com*.

Symbols Used

ti = ith line from top
bi = ith line from bottom
Fi = Figure i
X →Y = replace X with Y
Ti = Table i
Pi = Problem i
Ei = Example i

Format

Page # Location: Correction
Strikethrough: Correction/modification in errata

February 2011 List

p264 P23: Part a) should have a blue diamond as the answer is in the back of the book

p264 P25: Part a) should have no blue diamond as the answer is not in the back of the book

March 2011 List

p109 E26: perform the following → perform the following operations on the given 8-bit numbers

p241 F4.20: At time T1, signals P3 and P4 should be raised, NOT P4 and P5

p252 E4.5: EQU should be replaced with DD

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June 2011 List

p348 F6.23 (caption): 1211232A → 0011232A

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January 2012 List

p101 E2.40: bit 4 checks the parity over bits 4 and 5→ bit 4 checks the parity over bits 4, 5 and 6
   The last four code words for the example should be:
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100001
100110
111000
111111
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p110 P29, P32, P35: mantissa → significand

p172 P15a: zyz' → xyz'

p657 F12.8: The packet with sequence #300 should also be retransmitted

p668 t1: networks often use → networks now infrequently use

p695 t1: bridge to more → bridge to a more

p698 t4: Many home computers come equipped with built-in modems. → Many home computer came equipped with built-in modems that directly connected into the system's I/O bus, although this is less common now as broadband service has been increasingly deployed and built-in modems are being used less commonly.

p700 t4: IEEE RS-232-C → EIA RS-232-C

p700 t9: the original RS-232-C → the RS-232-C

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