BINARY SYSTEM FUNDAMENTALS

The Base-2 Positional Numeral System

8-BIT PLACE VALUES (POWERS OF 2)

2â□·**128**
2â□¶**64**
2â□µ**32**
2â□´**16**
2Â³**8**
2Â²**4**
2Â¹**2**
2â□°**1**

COMMON CONVERSIONS

DECIMAL	BINARY (4-BIT)	HEXADECIMAL
0	0000	0
1	0001	1
2	0010	2
4	0100	4
8	1000	8
10	1010	A
15	1111	F

DATA UNITS

Bit	Binary Digit (0 or 1)
Nibble	4 Bits
Byte	8 Bits (256 possible values)

Reference Chart: B-01 Digital Logic & Computing Basics