

# BINARY TO DECIMAL REFERENCE CHART

8-Bit Calculation Standard • 0 - 31 Reference

<b>Decimal</b>	<b>Binary (8-bit)</b>
0	00000000
1	00000001
2	00000010
3	00000011
4	00000100
5	00000101
6	00000110
7	00000111
8	00001000
9	00001001
10	00001010
11	00001011
12	00001100
13	00001101
14	00001110
15	00001111

<b>Decimal</b>	<b>Binary (8-bit)</b>
16	00010000
17	00010001
18	00010010
19	00010011
20	00010100
21	00010101
22	00010110

**Decimal****Binary (8-bit)**

23	00010111
24	00011000
25	00011001
26	00011010
27	00011011
28	00011100
29	00011101
30	00011110
31	00011111

**Bit Weight Reference (Power of 2):**

128	64	32	16	8	4	2	1
$2^7$	$2^6$	$2^5$	$2^4$	$2^3$	$2^2$	$2^1$	$2^0$