

BINARY TO DECIMAL REFERENCE

8-Bit Magnitude & Power of Two Conversion Chart

0	00000000
1	00000001
2	00000010
4	00000100
8	00001000
16	00010000
32	00100000
64	01000000
128	10000000
255	11111111

2^0	1	0x01
2^1	2	0x02
2^2	4	0x04
2^3	8	0x08
2^4	16	0x10
2^5	32	0x20
2^6	64	0x40
2^7	128	0x80
2^8	256	0x100
$2^8 - 1$	65536	0xFFFF

Note: Bits are ordered MSB (Most Significant Bit) to LSB (Least Significant Bit).