

BINARY TO DECIMAL REFERENCE

2^7 128

2^6 64

2^5 32

2^4 16

2^3 8

2^2 4

2^1 2

2^0 1

Decimal	8-Bit Binary Equivalent	Calculation Logic
0	00000000	All bits off
1	00000001	1
10	00001010	8 + 2
32	00100000	32
64	01000000	64
100	01100100	64 + 32 + 4
128	10000000	128
192	11000000	128 + 64
255	11111111	128 + 64 + 32 + 16 + 8 + 4 + 2 + 1