

*Bit Pattern**Decimal Value*

| | |
|---------------------------------------|--------------------------------|
| 100000000000000000000000000000000000 | $(-2^{31} = -2,147,483,648)$ |
| 1000000000000000000000000000000000001 | $(-2^{31}-1 = -2,147,483,647)$ |
| 1000000000000000000000000000000000010 | $(-2^{31}-2 = -2,147,483,646)$ |
| . | |
| . | |
| . | |
| 11111111111111111111111111111111101 | (-3) |
| 11111111111111111111111111111111110 | (-2) |
| 11111111111111111111111111111111111 | (-1) |
| <hr/> | |
| 00000000000000000000000000000000000 | (0) |
| 000000000000000000000000000000000001 | (1) |
| 000000000000000000000000000000000010 | (2) |
| 000000000000000000000000000000000011 | (3) |
| . | |
| . | |
| . | |
| 01111111111111111111111111111111101 | $(2^{31}-3 = 2,147,483,645)$ |
| 01111111111111111111111111111111110 | $(2^{31}-2 = 2,147,483,646)$ |
| 01111111111111111111111111111111111 | $(2^{31}-1 = 2,147,483,647)$ |