

| Decimal | Sign Magnitude<br>(4-bit) | One's Complement<br>(4-bit) |
|---------|---------------------------|-----------------------------|
| +7      | 0111                      | 0111                        |
| +6      | 0110                      | 0110                        |
| +5      | 0101                      | 0101                        |
| +4      | 0100                      | 0100                        |
| +3      | 0011                      | 0011                        |
| +2      | 0010                      | 0010                        |
| +1      | 0001                      | 0001                        |
| +0      | 0000                      | 0000                        |
| -0      | 1000                      | 1111                        |
| -1      | 1001                      | 1110                        |
| -2      | 1010                      | 1101                        |
| -3      | 1011                      | 1100                        |
| -4      | 1100                      | 1011                        |
| -5      | 1101                      | 1010                        |
| -6      | 1110                      | 1001                        |
| -7      | 1111                      | 1000                        |