

Review of 24- / 56-bit Fractional Number Representation (Fixed-Point)

Fraction	Hexadecimal	Binary
0.5	\$400 000	%0100 0000 ... 0000
-0.75	\$A00 000	%1010 0000 ... 0000
0.5	\$00 400 000 000 000	%0000 0000 0100 0000 ... 0000
-0.5	\$FF C00 000 000 000	%1111 1111 1100 0000 ... 0000
-12.5	\$F9 C00 000 000 000	%1111 1001 1100 0000 ... 0000

DSP56300 Architecture Introduction

Motorola Training Notes 1-15 through 1-31