Hunter

(A.) Show signed magnitude, 1's comple, 2's rample,
excess 64. Use 7 bt 9.) signed magnitude =7 5 complement = > same thing 0 0001 5 complement => 100011 100100 100100 d) Excess 64 11100011 \ \frac{49}{7} = 24 2=1 14 = 12 P = 0 ?=110=0 2)-22= a.) Signed Magnitude = 7 = 3 2 = 0 5 Complement = 7 MSB some, flip 2's complement! Excess 64

Scanned with CamScanner



The contract of the contract o

B) Show IFFF Z	54 bit patterns	
1.) -0.035#=	-0.000010001111	01011100 0010 100011
.035·2 =07 ₆	12.22440	.84.2 = 1.68
.07.2=,146	.24:2=.48/8	.68.2=1.36
.14.2 = .28 0	.48.2=.96.0	.36.2=.72 0
.28.2=.560	.96.2=1.921	.72.2=1.44
.56.2=1.12	.92.2 - 1.841	,44.2 = .88 0
.88.2=1.761	.16.2= .37	.12.2 = -24 0
$.76 \cdot 2 = 1.52$.32-2=.640	.24.2 = .48 0
.52.2= 1.041	,64.2=1.28	.48.2= .960
.04.2= ,080	,28.2 = .56 0	196.2= 1.92 1
.08.2= .160	.56.2=1.121	1,92.2=1.841

2) $1010, 01101 = 7 11.010011501 \times 2$ 1. 01001101×2 01001101×2 01001101×2 01001101×2 01001101×2