

BINARY 0101100111

INPUT= 359

OVER? FALSE

REAL=	35.02
OUTPUT=	35.00
ERROR=	0.02

35 PSI

359 35.02 359 0.04 112.77  
 -95 85 40.96 56.39  
 v -49.98 28.19

10 7  
 -3  
 359 0.04 112.77  
 40.96 56.39  
 28.19  
 14.10  
 - 41  
 318 16  
 \* 141 65536  
 44838 20698  
 / 2^7 GOOD  
 approx 350.2969  
 35  $=((X-41)*141/2^7)/10$   
 real 35.02  
 diff 0.02

495

Take X,	359	ADC Value
Subtract 41,	318	
Multiply by 141,	44838	
Divide by 2^7,	350	
Divide by 10,	35	
	35.0	PSI

