

		*	
- Mary	1		
		1.13	
		1.12	
ia. k			
		eg, 1,2	
		11811 (18/1-19-11	
		VLSB = (2)8.VFS = (2)8.(5V) = 19.5 mV	
1.1 Karlingan			
	_	Divide the input voltage by VLSB	
		Diame 11 1 1 1 1 1 1 1 1 2 1 1 1 2 1 2 1 1 1 2 1 2 1	
		0.47\1	
		$\frac{2.97V}{19.5mV} = 152.06$	
		195mV - 132.00	
		0 1 + 1 + 1	
F		Round to integer,	
		152.06 = 152	
	_	Convert to binary	
6it th	8	ecimal value	product to
	LSB		·
	7.0	2 BH#8 BH#5 BH#4	
2			
3		4 128+ 10 + 8 = 2152 152	
4		9	
5		16 10011000 Binny = 152 decimal	
		32	
6			
_ 7		64	
8 M	1SB	128 This is the digital output of the A > D con	reter.
			- 6
		· · · · · · · · · · · · · · · · · · ·	
2 A			
12			









