



ANZAC RF & CELLULAR COMPONENTS

## Plastic Packaged Control Devices

Digital Attenuators																		
MODEL	DESCRIPTION	FREQUENCY (MHz)		INSERTION LOSS (dB)				ACCURACY (dB)				VSWR				CASE STYLE	PIN OUT	UNIT PRICE \$ (5-9)
		Full Band	Mid-Band	Mid-Band		Total Range		Mid-Band		Total Range		Mid-Band		Total Range				
AT-210	4 Bit, 1 dB step to 15 dB	DC-2000	500-1000	1.3	2.0	1.6	2.3	5	7.5	5	7.5	1.2:1	1.5:1	1.3:1	1.5:1	SO-16	1	40.00
AT-220	4 Bit, 2 dB step to 30 dB	DC-2000	500-1000	1.7	2.3	1.8	2.5	5	7.5	5	7.5	1.2:1	1.5:1	1.3:1	1.5:1	SO-16	1	40.00
AT-230	3 Bit, 4 dB step to 28 dB	DC-2000	500-1000	1.7	2.3	1.8	2.5	5	7.5	5	7.5	1.2:1	1.5:1	1.3:1	1.5:1	SO-14	2	32.00

  

Voltage Variable Attenuators																		
MODEL	DESCRIPTION	FREQUENCY (MHz)		REFERENCE INSERTION LOSS (dB)				ATTENUATION RANGE (dB)				VSWR				CASE STYLE	PIN OUT	UNIT PRICE \$ (5-9)
		Full Band	Mid-Band	Mid-Band		Total Range		Mid-Band		Total Range		Mid-Band		Total Range				
AT-250 <sup>1</sup>	Single Linear Control	DC-2000	500-1000	3.2	3.6	3.2	3.6	14	12	13	11	1.9:1	2.1:1	1.9:1	2.1:1	SO-8	4	9.50
AT-259 <sup>1,2</sup>	Single Linear Control	DC-2000	500-1000	3.2	3.6	3.2	2.6	14	12	13	11	1.9:1	2.1:1	1.9:1	2.1:1	SOT-143	5	9.00
AT-309	Dual Control	DC-2000	500-1000	1.2	1.6	1.4	1.9	21	19	20	19	1.3:1	1.5:1	1.4:1	1.8:1	SO-8	6	9.50
AT-339	Dual Control	DC-2000	500-1000	1.2	1.5	1.3	1.8	45	40	40	35	1.3:1	1.5:1	1.4:1	1.8:1	SO-14	7	40.00
AT-635 <sup>1,2</sup>	Single Linear Control	DC-2000	500-1000	6.5	7.2	6.5	7.2	38	35	35	32	1.7:1	2.7:1	1.7:1	2.7:1	SO-14	8	32.00

  

Combined Voltage Variable and Digital Attenuators																		
AT-240 <sup>1,2</sup>	3 Bit, 4 dB step to 28 dB plus 12 dB VVA	DC-2000	500-1000	4.0	5.0	4.5	5.7	40	37	37	33	1.6:1	2.5:1	1.6:1	2.7:1	SO-14	3	40.00

<sup>1</sup> Typical VSWR is better than 2:1 at all attenuations, except for attenuation of less than 3 dB.

<sup>2</sup> These parts will be available in Q3 of 1992; specifications are preliminary.

Case Style: SO = plastic package; see Outline Drawing Section for details.

Prices and specifications are subject to change without notice.

PIN OUT TABLE — PLASTIC ATTENUATORS								
PIN OUT NO.	1	2	3	4	5	6	7	8
VC1	1	1	1	—	—	—	—	—
VC1	2	2	2	—	—	—	—	—
VC2	3	3	3	—	—	—	—	—
VC2	4	4	4	—	—	—	—	—
VC3	5	5	5	—	—	—	—	—
VC3	6	6	6	—	—	—	—	—
VC4	7	—	—	—	—	—	—	—
VC4	8	—	—	—	—	—	—	—
VAC	—	—	8	—	—	—	—	—
RF1	16	14	16	1	4	2	4	14
RF2	9	8	9	8	3	7	11	8
A	—	—	—	4	2	4	7	1
B	—	—	—	—	—	5	1	—
GROUND	10-15	7, 9-13	7, 10-15	2, 3, 5-7	1	1, 3, 6, 8	2, 3, 5, 6, 8-10, 12-14	2-7, 9-13

**Immediate Delivery from Stock**