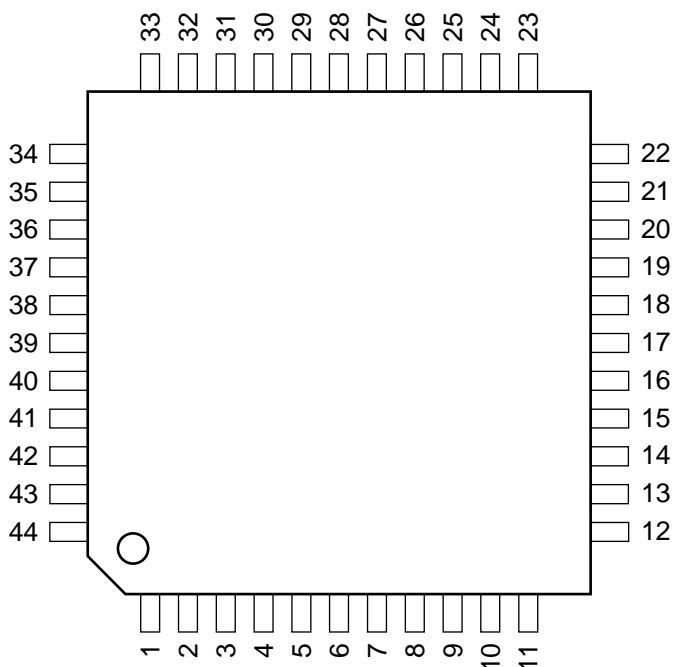


12-BIT 41MSPS MONOLITHIC A/D CONVERTER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	D.Vcc	12	—	A.Vcc	23	—	NC	34	—	GND
2	—	D.Vcc	13	—	GND	24	—	GND	35	—	GND
3	I	ENCODE	14	—	GND	25	O	D0	36	—	D.Vcc
4	I	ENCODE	15	—	A.Vcc	26	O	D1	37	—	D.Vcc
5	—	GND	16	—	A.Vcc	27	O	D2	38	—	GND
6	—	GND	17	—	GND	28	O	D3	39	—	GND
7	I	AIN	18	—	GND	29	O	D4	40	—	D.Vcc
8	I	V _{OFFSET}	19	—	A.Vcc	30	O	D5	41	—	D.Vcc
9	I	V _{REF}	20	—	A.Vcc	31	O	D6	42	O	D9
10	O	C1	21	—	GND	32	O	D7	43	O	D10
11	—	A.Vcc	22	—	GND	33	O	D8	44	O	D11

INPUTS

AIN : ANALOG
 ENCODE, $\overline{\text{ENCODE}}$: ENCODE
 VOFFSET : VOLTAGE OFFSET
 VREF : INTERNAL VOLTAGE REFERENCE

OUTPUTS

C1 : INTERNAL BIAS
 D0 - D10, $\overline{\text{D11}}$: DIGITAL OUTPUT BITS

OTHER

NC : NO CONNECTION

