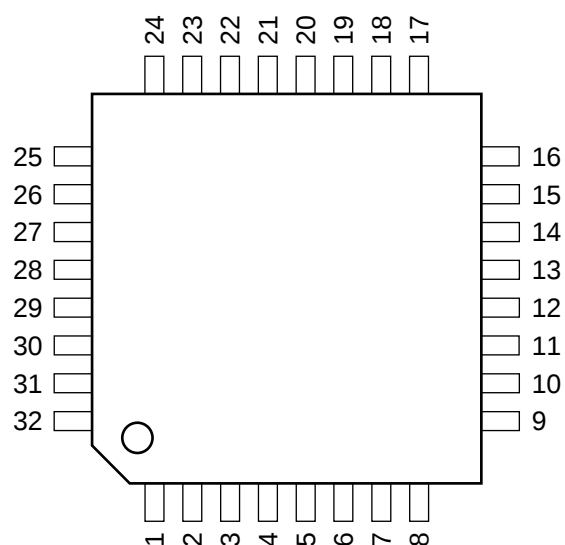


5-BIT A/D CONVERTER

—TOP VIEW—

**INPUTS**

BIAS1, BIAS2 : CONNECTED TO SMOOTHING CAPACITOR

CLH, CLS : CLOCK INPUT

RBTM : LEAST SIGNIFICANT VOLTAGE

RTOP : MOST SIGNIFICANT VOLTAGE

VIN : ANALOG INPUT

OUTPUTS

BIT1 - BIT5 : A/D OUTPUT

RNET : INTERMEDIATE VOLTAGE OUTPUT

OTHER

NC : NO CONNECTION

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	VIN	9	—	A.VEE	17	—	NC	25	—	VCC
2	I	RBTM	10	I	VIN	18	—	NC	26	—	GND
3	—	NC	11	I	BIAS1	19	—	GND	27	—	VEE
4	O	RNET	12	—	D.VEE	20	O	BIT5 (MSB)	28	I	CLS
5	—	NC	13	—	D.VEE	21	O	BIT4	29	I	CLH
6	O	RNET	14	—	A.VEE	22	O	BIT3	30	—	D.GND
7	O	RNET	15	—	NC	23	O	BIT2	31	—	NC
8	I	RTOP	16	I	BIAS2	24	O	BIT1 (LSB)	32	—	A.GND

