

CMOS A/D Converter Series

Type No.	Resolution (bit)	Conversion time	Linearity (LSB)	Conversion method	Input channel	Output format	Power consumption (mW)	Package
TC5090AP	8	2ms	±1 max	Integral	1ch	Time division	10	DIP16
TC5091AP	8	2ms	±1 max	Integral	6ch	Time division	10	DIP28
TC5092AP/AF	13	8ms	±1 typ	Integral	8ch	Parallel	10	DIP42/QFP44
TC5093AP	8	50 μ s	±1 max	Successive approximation	8ch	Parallel	4	DIP28
TC35094P	8	19 μ s	±3/4 max	Successive approximation	1ch	Parallel	4	DIP18/SOP20
TC35095AP/AF	8	35 μ s	±3/4 max	Successive approximation	8ch	Serial	2.5	DIP14/SOP14
TC35096AP/AF	8	32.5 μ s	±3/4 max	Successive approximation	4ch	Serial	2.5	DIP14
TC35097AP	8	30 μ s	±3/4 max	Successive approximation	2ch	Serial	12	DIP8
TC35098AP	8	27.5 μ s	±3/4 max	Successive approximation	1ch	Serial	12	DIP8
TC35080P	10	11 μ s	±1.5 max	Successive approximation	8ch	Serial	30	DIP20
TC35081P/F	10	11 μ s	±1.5 max	Successive approximation	1ch	Time division	30	DIP20/SOP20
TC35082P/F	10	11 μ s	±1.5 max	Successive approximation	1ch	Parallel	30	DIP24/SOP24
TC35083P/F	10	11 μ s	±1.5 max	Successive approximation	2ch	Selection	30	DIP24/SOP24
* TC35070P/F	8	15MHz	±1 typ	Half Flash	1ch	Parallel	200	DIP24/SOP24

*: Under development

D/A Converter Product Chart

Type No.	Function	Package	Voltage	Features
TD62901P	8-bit bipolar D/A converter	DIP-16	±5V~±18V	Equivalent to DAC08; settling time: 100ns Silicon monolithic
TA75DA04P	8-bit 4-channel D/A converter	N-DIP-24	5V	Equivalent to AD7225; settling time: below 1 μ s Directly connected bus line ※

*: Under development