

Comparators — continued

SEM106

Quad – continued

Mfr.	Pins	Description	Response Time (ns) typ.	Mfrs. List No.	Order Code	Price Each				
						1+	10+	100+	250+	500+
2901	NSC	14	Quad Low Power Comparator	1300	LM2901M	SMD 404-603				
2901	NSC	14	Quad Low Power Comparator	1300	LM2901N	404-615				
2901	ON	14	Quad Low Power Comparator	1300	LM2901N	334-3583				
2901	ST	14	Quad Low Power Comparator (IND TEMP/TSSOP)	1300	LM2901PT	SMD 302-4635				
3302	NSC	14	Quad Low Power Comparator	1300	LM3302N	404-627				
3302	PS	14	Quad Low Power Comparator	1300	MC3302N	404-639				
3704	TI	14	Quad Low Power CMOS Comparator	2500	TLC3704CN	404-652				
3704	ST	14	Quad, Micropower Push-Pull Output Comparator (3V) IND TEMP	2300	TS3V3704IN	.787-360				
8564	AD	16	Quad, Single Supply Comparator (IND TEMP)	7	AD8564AN	314-5931				

Dividers and Counters

SEM109

Mfr.	Pins	Description	Mfrs. List No.	Order Code	Price Each					
					1+	10+	100+	250+	500+	
7060	LSI	18	32-Bit Binary Up Counter with Latch, Multiplexer and Tri-state Drivers	LS7060	405-048					
7166	LSI	20	24-bit Multi-mode Counter	LS7166	631-991					
7207	INTS	14	CMOS Oscillator Controller – provides 4 control outputs suitable for frequency frequency counter timebases (use with ICM7208)	ICM7207AIPD	405-050†					
7208	INTS	28	CMOS 7 Decade Counter Decoder Driver (use with ICM7207)	ICM7208IPI	405-061					

† Available until stocks are exhausted

F to V, V to F & RMS to DC Converters & VCOs

SEM111

Mfr.	Pins	Description	Mfrs. List No.	Order Code	Price Each					
					1+	10+	100+	250+	500+	
32	AD	14	V/F, F/V Converter, $f_{out} = 500kHz$ max., $\pm 0.05\%$ linearity	ADVFC32K	405-292					
32	BB	14	V/F, F/V Converter, $f_{out} = 500kHz$ max., high linearity $\pm 0.01\%$ max at 10kHz FS, $\pm 0.05\%$ max at 100kHz FS	VFC32KP	405-309					
038	MAX	20	High Frequency Waveform Generator	MAX038CPP	.789-008					
100	BB	16	Synchronous V/F Converter with external clock to set the full scale frequency output. High linearity 0.02% max at 100kHz FS, $\pm 0.1\%$ max at 1MHz FS	VFC100AG	405-310					
331	NSC	8	Precision Voltage to Frequency Converter	LM331AN	405-334					
331	NSC	8	Precision Voltage to Frequency Converter	LM331N	405-346					
536	AD	14	True RMS to DC Converter – 2MHz (max) bandwidth, 60dB dynamic range.	AD536AJD	405-358					
536	AD	10/TO-100	True RMS to DC Converter – 2MHz (max) bandwidth, 60dB dynamic range.	AD536AJH	405-360					
536	MAX	14	True RMS to DC Converter (equiv. AD536AJD)	MX536AJD	205-205					
536	MAX	10/TO-100	True RMS to DC Converter (equiv. AD536AJH)	MX536AJH	205-229					
537	AD	10/TO-100	V/F Converter, input voltage $\pm 30V$ max. $f_{out} = 100kHz$ max.	AD537JH	594-969					
537	AD	14	V/F Converter, input voltage $\pm 30V$ Max. 100kHz max. FS error $\pm 5\%$.	AD537KD	318-2162					
636	AD	10/TO-100	True RMS to DC Converter – 1% error, 50dB O/P, 800 μA I_q	AD636JH	405-395					
637	AD	14	High Precision Wide Band RMS to DC Converter. Acc. 0.02% max. Computes True RMS Square, Mean Square, Absolute Value, dB Output (60dB range). Bandwidth 8MHz at 2V RMS	AD637JD	318-2290					
637	AD	14	True RMS to DC Converter – 8MHz (max) bandwidth, 60dB dynamic range.	AD637JQ	594-970					
650	AD	14	V/F, F/V Converter $f_{out} 1MHz$ $\pm 0.1\%$ linearity	AD650JN	633-148					
652	AD	16	V/F, F/V Converter $f_{out} 2MHz$ $\pm 0.02\%$ linearity	AD652AQ	405-401					
654	AD	8	V/F Converter, input voltage $\pm 30V$ max. $f_{out} = 500kHz$ max., 0.03% linearity for 250kHz FS	AD654JR	SMD 594-957					
654	AD	8	V/F Converter, input voltage $\pm 30V$ max. $f_{out} = 500kHz$ max	AD654JN	405-413					
736	AD	8	True RMS to DC Converter – 2% error, $I_q 270\mu A$ max.	AD736JN	405-425					
737	AD	8	True RMS to DC Converter – 2% error, $I_q 210\mu A$ max.	AD737JN	405-437					
2206	EXAR	16	Monolithic Function Generator/VCO. 20ppm/ $^{\circ}C$	XR2206CP	562-658					
2907	NSC	14	Frequency to Voltage Converter (Tachometer)	LM2907N	405-450					
2907	NSC	8	Frequency to Voltage Converter (Tachometer)	LM2907N8	405-462					
2917	NSC	14	Frequency to Voltage Converter (Tachometer) $\pm 28V$ in	LM2917N	405-486					
2917	NSC	8	Frequency to Voltage Converter (Tachometer) $\pm 28V$ in	LM2917N8	405-498					
4151	NJRC	8	V/F, F/V Converter (equiv. RC4151N)	NJM4151D	631-759†					
4151	EXAR	8	Precision Voltage to Frequency Converter	XR4151CP	562-701					
4152	FCH	8	V/F, F/V Converter. Enhanced 4151 (guaranteed accuracy and temperature specifications)	RC4152N	405-516					
7750	AD	20	Product (of 2 channels)-to-Frequency Converter, configurable as V/F converter or for power measurement	AD7750AN	283-691					
8038	INTS	14	Precision Waveform Generator/VCO. 180ppm/ $^{\circ}C$	ICL8038BCJD	405-528					
8038	INTS	14	Precision Waveform Generator/VCO. 250ppm/ $^{\circ}C$	ICL8038CCJD	405-530					
8038	INTS	14	Precision Waveform Generator/VCO. (Plastic)	ICL8038CCPD	405-541					
8038	EXAR	14	Precision Waveform Generator	XR8038ACP	631-048.					
9400	TEL	14	V/F, F/V Converter. 10Hz to 100kHz. Linearity (V/F) = 0.05%	TC9400CPD	205-710					
9402	TEL	14	V/F, F/V Converter. 10Hz to 100kHz. Linearity (V/F) = 0.25%	TC9402CPD	205-722					

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