

OP Amps, Digital Pots, Linear Series & Sensors

3 LEVELS OF SAVINGS		
NAME BRANDS	HOUSE BRANDS	SPECIAL BUY

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Semiconductors

Op Amps (Continued) *Web Code: WAD

Part No.	Mfr.	Product No.	Pkg./Pins	Description	1	10	100
23966	+	LM358N*	DIP-8	Low power dual op amplifier	\$.39	\$.29	\$.19
826793	+	LM358P	DIP-8	Low power dual op amplifier	.39	.29	.19
23018	+	LF411CN*	DIP-8	Low offset drift JFET input	1.29	1.15	.95
23026	+	LF412CN*	DIP-8	Low offset drift JFET input dual	1.29	1.09	.89
106681	+	LF442CN	DIP-8	Dual low power JFET input	1.25	1.05	.79
119992	+	LF444CN	DIP-14	Quad low power JFET input	1.49	1.35	1.09
143976	+	LMC660CN	DIP-14	CMOS quad operational amplifier	1.95	1.75	1.49
24539	+	LM741CN**	DIP-8	Op amplifier	.45	.39	.25
24540	+	LM741CN-R	DIP-8	Op amplifier	.49	.39	.25
830522	+	UA741CP	DIP-8	General purpose op amplifier	.55	.45	.29
840763	NSC	LM741CN/NOPB	DIP-8	General purpose op amplifier	.59	.49	.35
24563	+	LM747CN	DIP-14	Dual 741 op amplifier	.99	.89	.69
23131	+	LM1458N*	DIP-8	Dual op amplifier	.59	.45	.29
903509	+	MC1458P	DIP-8	Dual general purpose op amplifier	.59	.45	.29
1085819	+	TLC2272CP	DIP-8	Advanced LinCMOS® rail-to-rail	2.09	1.89	1.49
1944839	+	TLV2772CP	DIP-8	Hi slew rate r-r output, w/ shutdown	.99	.89	.79
12116	+	CA3080E	DIP-8	Op transconductance amplifier	3.95	3.75	3.49
12183	+	CA3130E	DIP-8	CMOS op amplifier	1.95	1.75	1.49
12204	+	CA3140E	DIP-8	Bi-MOS op amplifier	1.59	1.45	1.29
24168	+	LM3900N	DIP-14	Quad amplifier	.49	.35	.19
251125	+	MC4558CN	DIP-8	Wide bandwidth dual bipolar	.59	.49	.35
27385	+	NE5532*	DIP-8	Dual low noise op amplifier	.69	.59	.39
903963	+	NE5532P	DIP-8	Dual low noise op amplifier	.99	.79	.59
27406	+	NE5534	DIP-8	Low noise op amplifier	.79	.69	.59
301356	NSC	LMC6484AIN	DIP-14	CMOS quad r-r I/O, lower VOS	2.95	2.59	2.25
192532	NSC	LM13700N	DIP-16	Dual op transcon. w/ diodes/buffer	1.79	1.55	1.25
871586	ON	MC33204P	DIP-14	Low voltage, rail-to-rail	1.59	1.39	1.19
251061	ON	MC34072P	DIP-8	Single supply 3V-44V op amplifier	.89	.79	.59

*10 pcs./**20 pcs. included in Linear cabinet kit, right

Digital Potentiometers *Web Code: JBP

Part No.	Mfr.	Product No.	Pkg.	Description	1	10	100
241744	MCH	MCP41010-I/P	DIP-8	10kΩ, 256 steps, SPI	\$1.39	\$1.29	\$.95
241752	MCH	MCP42010-I/P	DIP-14	10kΩ, 256 steps, 2-ch SPI	2.09	1.89	1.49

*Real Time Clocks — Enter Web Code RTC

*Supervisory Chips — Enter Web Code SCT

*Analog Switches — Enter Web Code YBN

Linear Series *Web Code: FAD

Part No.	Mfr.	Product No.	Pkg./Pins	Description	1	10	100
16301	+	DS0026CN	DIP-8	Dual MOS clk. driver (5MHz)	\$3.95	\$3.49	\$2.95
1341966	+	L293DNE	DIP-16	Quad half-H drivers, I-temp	3.49	2.95	2.49
1342011	+	L293NE	DIP-16	Quad half-H drivers, C-temp	2.95	2.75	2.49
23721	+	LM331N	DIP-8	Prec volt to freq convtr (150ppm/°C)	2.29	1.95	1.59
23739	NSC	LM334Z	TO-92/3	Adjust current source	.79	.69	.39
23771	NSC	LM336Z-2.5	TO-92/3	Voltage reference (2.5V)	.49	.45	.35
24117	+	LM385Z-1.2	TO-92/3	Micropwr volt. ref. diode (1.2V)	.49	.39	.29
23000	+	LF398N	DIP-8	Sample and hold circuit	1.29	1.05	.79
33347	+	TL431CLP	TO-92/3	Program precision reference	.39	.29	.15
33355	+	TL494CN	DIP-16	Contrl circuit pulse-width-modulated	.59	.49	.35
86799	+	LM555CN	SOIC-8	Timer	.35	.25	.19
27422	+	LM555CN**	DIP-8	Timer (MC1455P/NE555V)	.29	.22	.17
27423	+	LM555CN-R	DIP-8	Timer (MC1455P/NE555V)	.35	.25	.19
973646	FSC	LM555CN	DIP-8	Timer	.29	.25	.19
126797	+	LMC555CN*	DIP-8	CMOS timer	.69	.59	.45
841571	NSC	LMC555CN/NOPB	DIP-8	CMOS timer	1.19	.95	.75
980091	ST	NE555N	DIP-8	Gen. purp. single bipolar timer	.49	.45	.39
904085	+	NE555P	DIP-8	Precision timer	.39	.35	.25
761272	+	TLC555CP	DIP-8	LinCMOS™ timer, C-temp	.89	.79	.69

*10 pcs./**20 pcs. included in Linear cabinet kit, above right

Linear Series (Continued) *Web Code: FAD

Part No.	Mfr.	Product No.	Pkg./Pins	Description	1	10	100
24328	+	LM556N*	DIP-14	Dual 555 timer	\$.45	\$.35	\$.25
904114	+	NE556N	DIP-14	Dual precision timer	.49	.39	.25
24395	+	LM567CN	DIP-8	Tone decoder	1.49	1.19	.95
115174	ADI	AD620AN	DIP-8	Low-cost instrument amp.	7.95	7.25	6.49
1780985	ADI	AD623ANZ	DIP-8	Sngl supply r-to-r instrument amp.	4.49	3.95	3.59
115182	ADI	AD633JN	DIP-8	Low-cost analog multiplier	9.95	8.95	7.95
23211	+	MC1496P	DIP-14	Balanced mod/demodulator	1.95	1.75	1.49
1944821	+	P1803AC	TO-220	Balanced three-chip sidactor	.25	.15	.12
34278	+	ULN2003A*	DIP-16	Hi-volt/curr. darl. transistor array	.39	.35	.25
1147178	+	ULN2003AN	DIP-16	Hi-volt/curr. darl. transistor array	.65	.49	.39
2179024	+	ULQ2003A	DIP-16	Hi-volt/curr. darl. transistor array	.49	.39	.29
34294	+	ULN2004AN	DIP-16	Hi-volt/curr. darl. transistor array	.45	.35	.25
34972	EXR	XR2206CP	DIP-16	Monolithic function generator	7.95	7.25	6.75
34999	+	XR2211	DIP-14	FSK demodulator/tone decoder	1.75	1.49	1.25
34315	+	ULN2803A*	DIP-18	Hi-volt/curr. darl. transistor array	.69	.59	.49
700664	+	ULN2803AN	DIP-18	Darlington transistor array, I-temp	1.95	1.75	1.49
12079	+	CA3046N	DIP-14	NPN transistor array	2.95	2.75	2.49
12159	+	CA3086N	DIP-14	NPN transistor array	2.95	2.59	2.29
901108	NSC	LM3916N-1	DIP-18	VU meter display driver	1.95	1.75	1.49
51140	+	75551PA	DIP-8	CMOS timer	.69	.59	.39
53786	FSC	9602PC	DIP-16	Dual retrig. resett. monostable multivib.	.35	.25	.19
1054684	+	SN754410NE	DIP-16	Quad half-H drivers	2.25	1.95	1.59

*10 pcs. included in Linear cabinet kit, below

*MUX/DEMUXs — Enter Web Code RAB

Linear IC Kit *Web Code: CKS

Includes: 20 drawer component cabinet (319600), 20 clear plastic drawers (319601), 20 clear dividers (319611), pg 129 and 30 adhesive labels for drawers to identify parts in kit.

10 each: TL072CP, TL074CN, TL082CP, TL084CN, MAX232CPE, LM301N, LM308N, LM311N, LM337T, LF353N, LF356N, LM358N, LM386N-1, LM386N-3, LM393N, LF411CN, LF412CN, LMC555CN, LM556N, LM723CN, LM1458N, DS1488N, DS1489N, ULN2003A, ULN2803A, NE5532N, 7808T, 78L12, 7815T, 7905T, 7912CT, 7915CT

20 each: LM317T, LM324N, LM339N, LM741CN, LM555CN, 7805T, 78L05, 7812T



Part No.	Description	Wt. (lbs.)	1	5
84988	480 pcs. (40 types) analog IC kit	6.0	\$199.95	\$179.95
130411	Refill for 84988 (480 pcs.)	1.3	184.95	169.95

*Voltage References — Enter Web Code TBD

Temperature Sensors *Web Code: WAN

Part No.	Mfr.	Product No.	Pkg./Pins	Description	1	10	100
107094	NSC	LM34CZ	TO-92/3	Prec temp sensor (-40° to +230°F)	\$4.95	\$4.49	\$3.95
155192	NSC	LM34DZ	TO-92/3	Prec temp sensor (+32° to +212°F)	2.49	2.25	1.79
192217	NSC	LM35DT	TO-220/3	Prec temp sensor (-55° to 150°C)	2.19	1.79	1.49
155740	NSC	LM35DZ	TO-92/3	Prec temp sensor (0° to +100°C)	1.49	1.19	.95
278387	ADI	TMP36GT9	TO-92	Low voltage temp. sensor	1.49	1.25	1.05
120820	+	LM335AZ	TO-92/3	Precision temperature sensor	1.19	.99	.79
23755	+	LM335Z	TO-92/3	Volt mode temperature sensor	.79	.69	.45
241939	ADI	AD590JH	TO-52/3	Two terminal IC temp transducer	9.95	8.95	7.95
313293	ADI	AD595AQ	DIP-14	Thermocouple amp for chromel-alumel	16.95	15.95	14.95
302551	DAL	DS18S20	TO-92/3	High-prec. 1-wire digital thermo	2.75	2.49	2.25

Hall Effect Sensors *Web Code: REB

Part No.	Mfr.	Part No.	Pkg.	Description	1	10	100
1718743	A1302EUA-T	SIP-3	4.5V to 6V, 11mA, 1.3mV/G sensitivity	\$.25	\$.25	\$.25	
2135881	A1302KUA-T	SIP-3	4.5V to 6V, 11mA, 1.3mV/G sensitivity	1.49	1.25	.95	
1718701	A1104LUA-T	SIP-3	3.8V to 24V, 7.5mA, Brp=25G, Bop=450G	1.59	1.39	1.05	
1871879	OH180U	SIP-3	Mono IC w/ hall linear amp & sensor	2.49	2.25	2.09	

More Hall Effect Sensors on page 73

*ADI = Analog Devices | DAL = Dallas Semi | EXR = EXAR Corp. | FSC = Fairchild Semi | MCH = Microchip | NSC = National Semi | ON = ON Semi | ST = ST Micro | + Major Brands