



Stepper Motor Drivers/Controllers * Web Code: GDP

Part No.	Mfr. Part No.	Pkg.	Description	1	10	100
924545	L293DD	SOIC-20	Push pull 4-ch driver w/ diodes	\$4.49	\$3.75	\$3.25
288067	L297/1	DIP-20	Stepper motor controller, 5V	5.95	5.49	4.95
245403	L298N	MW-15	Dual full-bridge driver, 46V	2.59	2.45	2.25
288091	L6202	DIP-18	DMOS full bridge driver, 48V	5.95	5.49	4.95
288104	L6203	MW-11	DMOS full bridge driver, 48V	6.95	6.25	5.49
288105	L6203	MW-11	DMOS full bridge driver, 48V	7.95	6.95	6.25
288121	L6506D	SOIC-20	Stepper motor current controller, 5V	2.95	2.75	—
871009	MC33035PG	DIP-24	Brushless DC motor controller	2.75	2.25	—

* Motion Control Available Online — Enter Web Code DEU

Encoders/Decoders * Web Code: VAR

Part No.	*Mfr. Product No.	Pkg.	Description	1	10	100
243408	TP3054N	DIP-16	U-law PCM CODEC & filter, 5V	\$2.45	\$1.75	\$1.45
296702	MOT MC145026P	DIP-16	Encoder, 4.5-18V	2.49	2.25	2.05
296711	MOT MC145027P	DIP-16	Decoder, 4.5-18V	2.95	2.75	2.49
296729	MOT MC145028P	DIP-16	Decoder, 4.5-18V	1.95	1.75	.85
123730	HOL HT12E	DIP-18	Encoder, 2.4-12V	1.75	1.55	1.35
123748	HOL HT12D	DIP-18	Decoder, 2.4-12V	1.65	1.45	1.25
243483	MCH HCS512-I/P	DIP-18	Code hopping decoder, 4-6V	4.95	4.25	—
287945	MCH MCP2140-I/P	DIP-18	Standard protocol stack controller, 3-5V	2.95	2.75	1.49
287970	MCH MCP2150-I/SO	SOIC-18	Standard protocol stack controller, 3-5V	3.95	2.95	—
243459	MCH MCP2150-I/P	DIP-18	Standard protocol stack controller, 3-5V	2.95	2.75	—

Buffer * Web Code: WBR

Part No.	*Mfr. Product No.	Pkg.	Description	1	10	100
23051	LH0002CN	DIP-10	General purpose buffer	\$12.95	\$11.95	\$10.95

Power Management * Web Code: PMT

Part No.	*Mfr. Product No.	Pkg.	Description	1	10
291670	MAX712CPE	DIP-16	NiCD/NiMH battery fast chrg controller	\$5.95	\$4.95
312848	TI BQ2004PN	DIP-16	NiMH/NiCd switchmode chrg mgmt w/ neg dV	2.95	2.49
312928	TI BQ2018TS-E	TSSOP-8	Rechargeable battery power monitor	3.95	3.49
312936	TI BQ2019PW	TSSOP-8	Rechargeable battery power monitor	3.49	3.25
312881	TI BQ2040SN-D11	SOIC-16	Li-Ion/NiMH/NiCd gas gauge w/ smbus	5.95	4.95
312961	TI UC3906N	DIP-16	Linear lead acid battery charger	4.25	3.75

MAXIM RS-485/422 Transceiver

Part No.	Mfr. Part No.	Pkg.	Description	1	10
311837	MAX1480BEPI	DIP-28	RS-485/422 data interface, 5V	\$19.95	\$16.95

RS-422/423/485 Drivers/Receivers * Web Code: NBT

Part No.	*Mfr. Product No.	Pkg.	Description	1	10
299807	LTC485CN8	DIP-8	RS-485 LP transceiver, 5V	\$1.75	\$1.49
276576	MAX MAX490CPA	DIP-8	RS-485/422 LP transceiver, 12V	1.95	1.35
244195	MAX1487CPA	DIP-8	RS-485/422 LP transceiver, 12V	2.25	1.75
39571	26LS30	DIP-16	RS-422/423 line driver, 5V	2.49	2.25
39589	26LS31	DIP-16	RS-422 quad diff. line driver, 5V	.39	.25
39600	26LS32	DIP-16	RS-422/423 quad diff. line receiver, 5V	.59	.49
25232	MC3486P	DIP-16	RS-422/423 quad diff. line receiver, 5V	2.25	1.15
25259	MC3487P	DIP-16	RS-422/423 quad line driver, 5V	.29	.25
144039	NSC DS3695N	DIP-8	Multipoint RS-422/423 trans, 5V	.99	.89
50948	SN75174N	DIP-16	RS-422 quad diff. line driver w/ 3 st.	.89	.79
50956	SN75175N	DIP-16	RS-422/423 quad diff. line receiver, 5V	.89	.79
758364	TI SN75176AP	DIP-8	RS-422 differential bus transceiver	.65	.55
891149	NSC DS75176BN	DIP-8	Multipoint RS-485/422 transceiver	1.49	1.25
50964	SN75176BN	DIP-8	RS-422 diff. line bus transceiver, 5V	.59	.49

* 65LVDS Series Available Online — Enter Web Code UEU

RS-232 Drivers/Receivers * Web Code: EAV

Part No.	*Mfr. Product No.	Pkg.	Description	1	10
142535	MAX202CPE	DIP-16	5V, 120kbps, w/ 0.1µF ext. caps	\$2.49	\$2.05
244232	MAX202CSE	SOIC-16	5V, 120kbps, w/ 0.1µF ext. caps	2.25	1.95
244241	MAX202EPE	DIP-16	5V, 120kbps, w/ 0.1µF ext. caps	2.95	2.49
282790	MAX MAX211CAI	SSOP-28	5V, w/ 0.1µF ext. caps	2.95	2.75
875448	INS HIN232CP	DIP-16	5V hi spd RS-232 transmitter/receiver	.89	.79
24411	MAX232CPE*	DIP-16	5V, 200kbps, multichannel	1.85	1.65
24812	MAX MAX232CPE	DIP-16	5V, 200kbps, multichannel	1.95	1.75
318959	MAX MAX232CPE	DIP-16	5V, 200kbps, multichannel	2.25	1.95
318960	MAX MAX232CPE	DIP-16	5V, 200kbps, multichannel	2.49	2.15
106147	MAX232CWE	SOIC-16	5V, 120kbps, multichannel	2.49	2.15
256401	MAX232DR	SOIC-16	5V, 120kbps, dual driver/receiver	.69	.59
882293	MAX MAX232ECPE	DIP-16	±15kV ESD-protected, +5V RS-232 trans.	3.75	3.09
106155	MAX232EPE	DIP-16	5V, 120kbps, multichannel	3.95	3.15
106156	MAX232EPE	DIP-16	5V, 120kbps, multichannel	2.95	2.49
903277	TI MAX232IN	DIP-16	Dual EIA-232 driver/receiver, I-temp	.75	.65
698576	TI MAX232N	DIP-16	Dual EIA-232 driver/receiver, C-temp	.75	.65
106163	MAX233CPP	DIP-20	5V, 120kbps, multichannel	5.75	4.75
106171	MAX235CPG	DIP-24	5V, 120kbps, multichannel	10.95	9.95
106180	MAX238CNG	DIP-24	5V, 120kbps, multichannel	5.49	4.95
828043	TI MC1488N	DIP-14	Quad line driver	.39	.35
23157	DS1488N*	DIP-14	15V, quad line driver	.35	.29
16379	DS14C89N	DIP-14	5V, quad line receiver	1.19	1.09
698613	TI MAX3232CD	SOIC-16	3-5.5V multich RS-232 line drvtr/rec w/ ±15kV ESD	1.25	1.15
235301	DS14C232CN	DIP-16	5V, LP, TIA/EIA dual driver/receiver	2.49	2.25
23181	SN75189N*	DIP-14	5V, quad line receiver	.35	.29
25099	MC145406P	DIP-16	5-12V, EIA-232-DV.28 driver/receiver	2.25	1.95
929207	ON MC100EP17DWG	SOIC-20	Quad differential driver/receiver	15.95	13.95
252128	MAX3221CAE	SSOP-16	3-5.5V, 120kbps, auto shutdown	1.95	1.49
276859	MAX3232CDR	SOIC-16	3-5.5V, 1Mbps, ±15kV ESD protected	1.25	.85
276867	MAX3232CSE	SOIC-16	3-5.5V, 1Mbps, ±15kV ESD protected	1.49	1.25

* 10 pcs. in Linear series IC cabinet kit, pg 16

MAXIM DC-DC Controller * Web Code: VFL

Part No.	Mfr. Part No.	Pkg.	Description	1	10
806856	MAX1771ESA+	SOIC-8	12V or adj, hi-eff, step up DC-DC contr, I-temp.	\$4.95	\$3.49

Comparators * Web Code: EBS

Part No.	*Mfr. Product No.	Pkg.	Description	1	10	100
311044	NSC LM111J-8	DIP-8	Voltage comparator	\$7.95	\$6.95	\$6.25
282087	LM139J	CDIP-14	Low pwr, low offset volt quad	1.75	1.55	1.35
302391	LM211D	SOIC-8	Hi-speed, strobed diff. comparator	.25	.19	.15
23528	LM311N*	DIP-8	Voltage comparator	.25	.22	.19
902522	TI LM311DR	SOIC-8	Differential comp. w/ strobes	*	.12	.09
837812	NSC LM311N/NOBP	DIP-8	Voltage comparator	.89	.69	.49
143888	LM339AN	DIP-14	Low power quad comparator	.25	.19	.15
826742	TI LM339N	DIP-14	Quad differential comparator	.35	.29	.25
23851	LM339N*	DIP-14	Quad comparator	.25	.19	.17
193594	LM339M	SOIC-14	Low pwr low offset volt quad	.25	.17	.15
120900	LM339N	DIP-8	Low power op amp/volt comp.	1.09	.99	.89
24281	LM339N*	DIP-8	Dual comparator	.25	.19	.17
903007	TI LM393P	DIP-8	Dual differential comp., C-temp	.35	.29	.25
212177	LM393AN	DIP-8	Low pwr low offset volt quad comp	*	.19	.15
297844	MAX MAX902CSD	SOIC-14	Hi-speed low pwr precision volt comp	7.95	5.95	—
312266	LTC LT1016CS8	SOIC-8	Ultra-fast precision 10ns comparator	2.95	1.95	—
107238	LM3302N	DIP-14	Low pwr low offset volt quad	.45	.35	.29
1944741	ST TS37211N	DIP-8	LP dual CMOS volt (I-temp)	.39	.35	.25
277173	NSC LMC7211AIM	SOIC-8	Comp w/ rail-to-rail input, push pull output	.99	.79	.69
277190	NSC LMC7211BIM	SOIC-8	Comp w/ rail-to-rail input, push pull output	.99	.79	.69

* 10 pcs./** 20 pcs. included in Linear kit, pg 16

* IEEE-1394 Available Online — Enter Web Code KEN

* HOL = Holtek | INS = Intersil | LTC = Linear Technology | MAX = Maxim Semi | MOT = Motorola | NSC = National Semi | ON = ON Semi | ST = ST Micro | TI = Texas Instruments | † Manufacturer Varies

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