



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	L2971/1	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	2.49	
871009	MC33035PG	DIP-24	Brushless DC motor controller	2.75	2.25	1.95	

Blue Part No. = Limited Quantity Available

* 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	
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	3.95	
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	2.75	
243459	MCH MCP2150-I/P	DIP-18	Standard protocol stack controller, 3-5V	2.95	2.75	2.49	

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	100
312848	TI BQ2004PN	DIP-16	NiMH/NiCd switchmode chrg mgmt w/ neg dV	\$2.95	\$2.95	\$2.49	
312928	TI BQ2018TS-E	TSSOP-8	Rechargeable battery power monitor	3.95	3.95	3.49	
312936	TI BQ2019PW	TSSOP-8	Rechargeable battery power monitor	3.49	3.49	3.25	
312881	TI BQ2040SN-D111	SOIC-16	Li-Ion/NiMH/NiCd gas gauge w/ smbus	5.95	5.95	4.95	
312961	TI UC3906N	DIP-16	Linear lead acid battery charger	4.25	4.25	3.75	

MAXIM RS-485/422 Transceiver

Part No.	Mfr.	Part No.	Pkg.	Description	1	10	100
311837	MAX	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	100
299807	LTC	LTC485CN8	DIP-8	RS-485 LP xcvr, 5V	\$1.75	\$1.49	\$1.25
276576	MAX	MAX490CPA	DIP-8	RS-485/422 LP xcvr, 12V	1.95	1.35	1.25
244195	MAX	MAX1487CPA	DIP-8	RS-485/422 LP xcvr, 12V	2.25	1.75	1.55
39571	MAX	26LS30	DIP-16	RS-422/423 line driver, 5V	2.49	2.25	1.95
39589	MAX	26LS31	DIP-16	RS-422 quad diff. line driver, 5V	.39	.25	.22
39600	MAX	26LS32	DIP-16	RS-422/423 quad diff. line rcvr, 5V	.59	.49	.45
25232	MAX	MC3486P	DIP-16	RS-422/423 quad diff. line rcvr, 5V	.25	.15	.12
25259	MAX	MC3487P	DIP-16	RS-422/423 quad line driver, 5V	.29	.25	.22
144039	NSC	DS3695N	DIP-8	Multipoint RS-422/423 xcvr, 5V	.99	.89	.79
50948	MAX	SN75174N	DIP-16	RS-422 quad diff. line driver w/ 3 st.	.89	.79	.69
50956	MAX	SN75175N	DIP-16	RS-422/423 quad diff. line rcvr, 5V	.89	.79	.69
758364	TI	SN75176AP	DIP-8	RS-422 differential bus xcvr	.65	.55	.45
891149	NSC	DS75176BN	DIP-8	Multipoint RS-485/422 xcvr	1.49	1.25	1.15
50964	MAX	SN75176BN	DIP-8	RS-422 diff. line bus xcvr, 5V	.59	.49	.45

* 65LVDS Series Available Online — Enter Web Code UEU

RS-232 Drivers/Receivers * Web Code: EAV

Part No.	Mfr.	Product No.	Pkg.	Description	1	10	100
142535	MAX	MAX202CPE	DIP-16	5V, 120kbps, w/ 0.1µF ext. caps	\$2.49	\$2.05	\$1.95
244232	MAX	MAX202CSE	SOIC-16	5V, 120kbps, w/ 0.1µF ext. caps	2.25	1.95	1.75
244241	MAX	MAX202EPE	DIP-16	5V, 120kbps, w/ 0.1µF ext. caps	2.95	2.49	2.25
282790	MAX	MAX211CAI	SSOP-28	5V, w/ 0.1µF ext. caps	2.95	2.75	2.49
875448	INS	HIN232CP	DIP-16	5V hi spd RS-232 transmitter/rcvr	.89	.79	.69
24811	MAX	MAX232CPE*	DIP-16	5V, 200kbps, multichannel	1.85	1.65	1.25
24812	MAX	MAX232CPE	DIP-16	5V, 200kbps, multichannel	1.95	1.75	1.35
318959	MAX	MAX232CPE	DIP-16	5V, 200kbps, multichannel	2.25	1.95	1.75
318960	MAX	MAX232CPE	DIP-16	5V, 200kbps, multichannel	2.49	2.15	1.95
106147	MAX	MAX232CWE	SOIC-16	5V, 120kbps, multichannel	2.49	2.15	1.95
256401	MAX	MAX232DR	SOIC-16	5V, 120kbps, dual driver/rcvr	.69	.59	.49
882293	MAX	MAX232ECPE	DIP-16	5V, RS-232 xcvr, ±15kV ESD	3.75	3.09	2.95
106155	MAX	MAX232EPE	DIP-16	5V, 120kbps, multichannel	3.95	3.15	2.79
106156	MAX	MAX232EPE	DIP-16	5V, 120kbps, multichannel	2.95	2.49	2.25
903277	TI	MAX232IN	DIP-16	Dual EIA-232 driver/receiver, I-temp	.75	.65	.55
698576	TI	MAX232N	DIP-16	Dual EIA-232 driver/receiver, C-temp	.75	.65	.55
106163	MAX	MAX233CPP	DIP-20	5V, 120kbps, multichannel	5.75	4.75	4.25
106171	MAX	MAX235CPG	DIP-24	5V, 120kbps, multichannel	10.95	9.95	7.95
106180	MAX	MAX238CNG	DIP-24	5V, 120kbps, multichannel	5.49	4.95	4.25
828043	TI	MC1488N	DIP-14	Quad line driver	.39	.35	.29
23157	MAX	DS1488N*	DIP-14	15V, quad line driver	.35	.29	.25
16379	MAX	DS14C89N	DIP-14	5V, quad line rcvr	1.19	1.09	.95
698613	TI	MAX3232CD	SOIC-16	3-5.5V multich RS-232 line driver/rcvr, ±15kV ESD	1.25	1.15	1.05
235301	MAX	DS14C232CN	DIP-16	5V, LP, TIA/EIA dual driver/rcvr	2.49	2.25	1.95
23181	MAX	SN75189N*	DIP-14	5V, quad line rcvr	.35	.29	.25
25099	MAX	MC145406P	DIP-16	5-12V, EIA-232-D/V.28 driver/rcvr	2.25	1.95	1.75
929207	ON	MC100EP17DWG	SOIC-20	Quad differential driver/rcvr	15.95	13.95	11.95
252128	MAX	MAX3221CAE	SSOP-16	3-5.5V, 120kbps, auto shutdown	1.95	1.49	1.25
276859	MAX	MAX3232CDR	SOIC-16	3-5.5V, 1Mbps, ±15kV ESD protected	1.25	.85	.75
276867	MAX	MAX3232CSE	SOIC-16	3-5.5V, 1Mbps, ±15kV ESD protected	1.49	1.25	1.15

* 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	MAX	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	NSC	LM139J	CDIP-14	Low pwr, low offset volt quad	1.75	1.55	1.35
302391	MAX	LM211D	SOIC-8	Hi-speed, strobed diff. comparator	.25	.19	.15
23528	MAX	LM311N*	DIP-8	Voltage comparator	.25	.22	.19
902522	TI	LM311DR	SOIC-8	Differential comp. w/ strobes	*.12	.12	.09
837812	NSC	LM311N/NOBP	DIP-8	Voltage comparator	.89	.69	.49
143888	MAX	LM339AN	DIP-14	Low power quad comparator	.25	.19	.15
826742	TI	LM339N	DIP-14	Quad differential comparator	.35	.29	.25
23851	MAX	LM339N*	DIP-14	Quad comparator	.25	.19	.17
193594	MAX	LM339M	SOIC-14	Low pwr low offset volt quad	.25	.17	.15
120900	MAX	LM392N	DIP-8	Low power op amp/volt comp.	1.09	.99	.89
24281	MAX	LM393N*	DIP-8	Dual comparator	.25	.19	.17
903007	TI	LM393P	DIP-8	Dual differential comp., C-temp	.35	.29	.25
212177	MAX	LM393AN	DIP-8	Low pwr low offset volt quad comp	*.19	.19	.15
297844	MAX	MAX902CSD	SOIC-14	Hi-speed low pwr precision volt comp	7.95	5.95	4.95
312266	LTC	LT1016CS8	SOIC-8	Ultra-fast precision 10ns comparator	2.95	1.95	1.75
107238	MAX	LM3302N	DIP-14	Low pwr low offset volt quad	.45	.35	.29
1944741	ST	TS32711N	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

* For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above

