

Mfrs. List No.	Mfr.	Pins	Pkg	Function	Order Code	Price Each				
						1+	25+	100+	250+	+
						<b>MIXED QUANTITY PRICING</b>				
MC14584BCPG	ON	14	DIL	Hex Schmitt Trigger	966-5099 ●	33.00	24.00	18.00	12.00	--
MC14584BDG	ON	14	SOIC	Hex Schmitt Trigger	SMD 966-5102 ●	28.00	20.00	15.00	10.00	--
HCF4585BEY	ST	16	DIL	4 Bit Magnitude Comparator	312-0284 ▲	43.00	33.00	29.00	22.00	--
HEF4585BP	PS	16	DIL	4 Bit Magnitude Comparator	386-522 ●	45.00	36.00	27.00	19.00	--
MC14585BCPG	ON	16	DIL	4000 CMOS	966-4831 ●	40.00	28.00	22.00	14.00	--
MC14585BDG	ON	16	SOIC	4 Bit Magnitude Comparator	SMD 119-1839 ●	40.00	28.00	21.00	14.00	--
CD4724BCN	FCH	16	DIL	8 Bit Addressable Latch	101-4050 ●	65.00	50.00	38.00	33.00	--
HCF40103BEY	ST	16	DIL	8 Bit Synchronous Binary Down Counter	975-5888 ●	71.00	54.00	47.00	37.00	--
CD40106BCM..	FCH	14	SOIC	Hex Schmitt Trigger	SMD 505-171 ▲ ‡	44.00	32.00	24.00	16.00	--
CD40106BCM	FCH	14	SOIC	Hex Schmitt Trigger	SMD 101-4054 ●	44.00	32.00	24.00	16.00	--
CD40106BCN..	FCH	14	DIL	Hex Schmitt Trigger	386-649 ▲ ‡	30.00	23.00	17.00	11.00	--
CD40106BCN	FCH	14	DIL	Hex Schmitt Trigger	101-4051 ●	30.00	23.00	17.00	11.00	--
CD40106BE	TI	14	DIL	Hex Schmitt Trigger	110-6097	27.00	22.00	16.00	10.00	--
CD40106BM	TI	14	SOIC	Hex Schmitt Trigger	SMD 958-9520 ●	28.00	22.00	16.00	10.00	--
HCF40106BEY	ST	14	DIL	Hex Schmitt Trigger	975-5608 ●	27.00	21.00	18.00	14.00	--
HCF40106BM1	ST	14	SOIC	Hex Schmitt Trigger	SMD 109-4185 ●	28.00	21.00	19.00	14.00	--
HEF40106BP	PS	14	DIL	Hex Schmitt Trigger	386-662 ●	28.00	22.00	17.00	11.00	--
HEF40106BT	PS	14	SOIC	Hex Schmitt Trigger	SMD 120-1301 ●	22.00	17.00	13.00	9.00	--
HCF40107BEY	ST	8	DIL	Dual 2 Input NAND Gate (Driver)	975-5896 ●	45.00	34.00	30.00	23.00	--
CD40147BE	TI	16	DIL	10-to-4-Line BCD Priority Encoder, 4000 CMOS Logic	386-704 ●	64.00	51.00	40.00	32.00	--
CD40174BEG4	TI	16	DIL	Hex D Flip/Flop	959-4540 ●	65.00	52.00	41.00	28.00	--
HEF40244BP	PS	20	DIL	Octal Buffers with Tri-State Outputs	386-820 ●	111.00	89.00	66.00	44.00	--

**Emitter Coupled Logic**

**Emitter Coupled Logic (ECL)**



422985

Pins/Package	Description	Mfrs. List No.	Order Code	1+	10+	100+
8/SOIC	5V/3V 1:2 Differential Fanout Buffer	SY100EL11VZG	SMD 110-0688 ●	174.00	144.00	123.00
8/MSOP	5V/3V Differential Receiver	SY100EL16VZG	SMD 110-0687 ●	150.00	124.00	106.00
8/SOIC	D Flip-Flop with Set & Reset	SY100EL31ZG	SMD 110-0691 ●	248.00	207.00	177.00
8/SOIC	5V/3.3V ÷ 2 Divider	SY100EL32VZG	SMD 110-0690 ●	187.00	156.00	132.00
20/SOIC	5V/3.3V Dual Differential 2:1 Multiplexer	SY100EL56VZG	SMD 110-0689 ●	247.00	206.00	175.00
8/SOIC	3.3V Dual TTL-to-Differential PECL Translator	SY100ELT22LZG	SMD 110-0684 ●	143.00	119.00	102.00
8/SOIC	Dual TTL-to-Differential PECL Translator	SY100ELT22ZG	SMD 110-0682 ●	143.00	119.00	102.00
8/SOIC	3.3V Dual Differential LVPECL-to-LVTTL Translator	SY100ELT23LZG	SMD 110-0686 ●	143.00	119.00	102.00
8/SOIC	Dual Differential PECL Translator	SY100ELT23ZG	SMD 110-0685 ●	143.00	119.00	102.00
8/MSOP	2.5V/3V/5V, 3.0GHz CML AnyGate™ Any Logic W/50 Or 100 Outputs	SY55851AUKG	SMD 110-0698 ●	559.00	465.00	398.00
10/MSOP	Dual CML/PECL/LVPECL-to-LVDS Translator	SY55855VKG	SMD 110-0692 ●	444.00	370.00	316.00
10/MSOP	2.5Gbps Any Input-to-LVPECL Dual Translator	SY55857LKG	SMD 110-0693 ●	444.00	370.00	316.00
32/TQFP	2.5V/3.3V/5V 3.0GHz Dual 2 X 2 CML Crosspoint Switch w/Internal Termination	SY55858UHG	SMD 110-0694 ●	807.00	672.00	575.00
64/TQFP	3.3V 1GHz Dual 1:10 Precision LVDS Fanout Buffer/Translator with 2:1 Input Multiplexer	SY89828LHG	SMD 110-0700 ●	1,322.00	--	--
16/MLF	2GHz Any Diff. In-to-LVPECL Ultra Low-Jitter and Skew 1:4 Fanout Buffer/Translator w/Internal Termination	SY89831UMG	SMD 110-0696 ●	444.00	369.00	315.00
16/MLF	3.3V, 2GHz Any Differential INPUT-to-LVDS 1:4 Fanout Buffer/Translator w/Internal Termination	SY89833LMG	SMD 110-0697 ●	444.00	369.00	315.00
16/MLF	2.5GHz Any Diff. In-to-LVPECL Programmable Clock Divider/Fanout Buffer with Internal Termination	SY89874UMG	SMD 110-0699 ●	483.00	401.00	343.00

**Programmable Logic Devices**

GAL® Generic Array Logic (Trademark of Lattice Semiconductors) devices are fabricated using very high-speed Electrically Erasable CMOS (E<sup>2</sup>CMOS), which offers the highest degree of testability and quality of any process technology, as well as instant erasability, making GAL devices ideal for prototyping and manufacturing. GAL devices can directly replace PAL devices in nearly every application. They offer the low power consumption of CMOS (¼ to ½ that of bipolar devices). Output logic macrocells are utilised to allow the user to configure

outputs as needed. By bringing all these features together into a single product line, the GAL family is ideally suited to replace TTL random logic, low-density gate arrays, and all other programmable logic. The GAL family offers the benefits of reduced system cost, product size and power requirements, as well as higher reliability and greater simplified system design.

210582

210923

Mfrs. List No.	Description	P'gation Delay (ns)max	Supply Current (mA)max	Order Code	1+	10+	100+	
16L8 TI DIL	Octal 16 input AND/OR invert gate array	7.5	180	TIBPAL16L8-7CN	790-345	778.00	474.00	317.00
16LV8 LAT 20	PLCC CMOS EEPLD, Low Voltage 3.3V, 16 i/p, 8 prog. o/p Logic Macrocells	8	70	GAL16LV8D-5LJ	SMD 332-7486 ▲ ‡	350.00	263.00	255.00
16LV8 LAT 20	PLCC CMOS EEPLD, Low Voltage 3.3V, 16 i/p, 8 prog. o/p Logic Macrocells	8	70	GAL16LV8D-5LJN	SMD 969-9686 ●	350.00	263.00	257.00
16V8 LAT 20	PLCC CMOS EEPLD, Low Power, 16 i/p, 8 prog., o/p Logic Macrocells	3.5	115	GAL16V8D-3LJ	SMD 413-9689 ▲ ‡	765.00	580.00	556.00
16V8 LAT 20	PLCC CMOS EEPLD, Low Power, 16 i/p, 8 prog., o/p Logic Macrocells	3.5	115	GAL16V8D-3LJN	SMD 969-9759 ●	765.00	580.00	523.00
16V8 LAT 20	PLCC CMOS EEPLD, Low Power, 16 i/p, 8 prog., o/p Logic Macrocells	7.5	115	GAL16V8D-7LJN	SMD 969-9732 ●	182.00	138.00	124.00
16V8 LAT 20	DIL CMOS EEPLD, Low Power, 16 i/p, 8 prog., o/p Logic Macrocells	7.5	115	GAL16V8D-7LPN	969-9740 ●	182.00	138.00	124.00
16V8 LAT 20	PLCC CMOS EEPLD - 16 i/p, 8 prog. o/p Logic Macrocells	10	115	GAL16V8D-10LJ	SMD 332-7498 ▲ ‡	154.00	120.00	115.00
16V8 LAT 20	PLCC CMOS EEPLD - 16 i/p, 8 prog. o/p Logic Macrocells	10	115	GAL16V8D-10LJN	SMD 969-9694 ●	154.00	113.00	98.00
16V8 LAT 20	DIL CMOS EEPLD - 16 i/p, 8 prog. o/p Logic Macrocells	10	115	GAL16V8D-10LPN	110-1471 ●	349.00	284.00	244.00
16V8 LAT 20	PLCC CMOS EEPLD - 16 i/p, 8 prog. o/p Logic Macrocells	15	90	GAL16V8D-15LJN	SMD 969-9708 ●	92.00	66.00	60.00
16V8 LAT 20	DIL CMOS EEPLD - 16 i/p, 8 prog. o/p Logic Macrocells	15	90	GAL16V8D15LPN	969-9953 ●	192.00	163.00	144.00
16V8 LAT 20	PLCC CMOS EEPLD, Quarter Power, 16 i/p, 8 prog., o/p Logic Macrocells	15	55	GAL16V8D-15QJN	SMD 969-9783 ●	116.00	87.00	84.00
16V8 LAT 20	DIL CMOS EEPLD - 16 i/p, 8 prog. o/p Logic Macrocells, Quarter power	15	55	GAL16V8D-15QPN	969-9678 ●	105.00	84.00	--
16V8 LAT 20	PLCC CMOS EEPLD	25	90	GAL16V8D-25LJ	SMD 563-407 ▲ ‡	181.00	145.00	124.00
16V8 LAT 20	PLCC CMOS EEPLD	25	90	GAL16V8D25LJN	SMD 969-9970 ●	181.00	145.00	124.00

Semiconductors - Integrated Circuits

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Compliant Non-compliant Limited stock - RoHS replacement available  
**RoHS**

**300,000 products, stocked and ready to despatch**