

LCD Drivers

SEM113

Mfr.	Pins	Description
749	MAX 8	LCD Bias Supply, digitally adjustable.....
3161	INTS 16	BCD to 7-segment Decoder/Driver. Complements CA3162E A/D Converter to implement a complete digital readout system.....
5452	NSC 40	33-Segment and Back Plane LCD Driver (Serially Loaded).....
5452	NSC 44	32-Segment and Back Plane LCD Driver (Serially Loaded).....
5453	NSC 40	Serial In/Parallel Out LCD Driver (Serially Loaded).....
7211	INTS 40	CMOS 4-digit LCD Decoder Driver (Input-MUX 4-bit).....
7211	INTS 40	CMOS 4-digit LCD Decoder Driver (µP interface).....
7224	INTS 40	CMOS 4½-digit Decoder Driver for LCDs.....
7225	NEC 52	Programmable LCD Controller for static and multiplexed LCDs.....
7225	NEC 52	Programmable LCD Controller for static and multiplexed LCDs (Bent Lead Package).....
8577	PS 40	CMOS LCD Direct/Duplex Driver with I <sup>2</sup> C-Bus Interface. Drives 32 Segments Direct or 64 Segments in a Duplex Manner.....
66702	HIT 144	LCD Driver/Controller. Drives DOT Matrix - 2 lines of 20 characters (5 7 or 5 10). QFP Package.....
66710	HIT 100	LCD Driver/Controller. Drives DOT Matrix - 2 lines of 16 characters (5 8). QFP Package.....
66712	HIT 128	LCD Driver/Controller. Drives DOT Matrix - 2 lines of 24 characters or 4 lines of 12 (5 8). QFP Package.....

Mfrs. List No.	Order Code	Price Each				
		1+	10+	100+	250+	500+
MAX749CSA	<b>SMD787-700.</b>					
CA3161E	<b>633-422</b>					
MM5452N	<b>405-693</b>					
MM5452V	<b>SMD703-576</b>					
MM5453N	<b>405-700</b>					
ICM7211AIPL	<b>405-711</b>					
ICM7211AMIPL	<b>405-723</b>					
ICM7224IPL	<b>405-759</b>					
UPD7225G	<b>405-760.†</b>					
UPD7225G00	<b>405-772.</b>					
PCF8577CP	<b>563-626</b>					
HD66702RA02F	<b>SMD788-168†</b>					
HD66710RA00F	<b>SMD788-170</b>					
HD66712SA02FS	<b>SMD788-181†</b>					

† Available until stocks are exhausted

LCD Module Support ICs

SEM183

Mfr.	Pins	Description
4876	ML 20	Cold Cathode Fluorescent Backlight Lamp Driver with Differential Drive for LCD Applications.....
6008	NSC 24	8 Channel Buffer for Active Matrix Liquid Crystal Displays.....
61830	HIT 60	Display Controller and Character Generator for Liquid Crystal Dot Matrix Graphic Display System (Flat Pack).....

Mfrs. List No.	Order Code	Price Each			
		1+	10+	100+	250+
ML4876CS	<b>SMD573-498.</b>				
LMC6008IM	<b>SMD792-780.</b>				
HD61830	<b>405-796</b>				

LED Drivers

SEM114

Mfr.	Pins	Description
2585	ALEG 18	LED/Relay Source Driver, 8 NPN Darlington +5V input, 250mA output ...
2981	ALEG 18	LED/Relay Driver, 8 NPN Darlington +5V input, 500mA output .....
2982	ALEG 20	LED/Relay Driver, 8 NPN Darlington +6 to +15V input, 500mA output ....
2982	ALEG 18	LED/Relay Driver, 8 NPN Darlington +6 to +15V input, 500mA output ....
3914	NSC 18	LED Bar/Dot Display Driver – 10 Linear Steps (Linear Scaling).....
3914	NSC 18	LED Bar/Dot Display Driver – 10 Linear Steps (Replaces LM3914N) .....
3915	NSC 18	LED Bar/Dot Display Driver Log Scaling (10 3dB Steps) .....
3915	NSC 18	LED Bar/Dot Display Driver Log Scaling (10 3dB Steps) (replaces LM3915N)
3916	NSC 18	LED Bar/Dot Display Driver - 10 steps VU Scaling (replaces LM3916N)...
5450	MICR 40	34-Segment LED Display Driver (Serially Loaded) .....
5450	MICR 44	34-Segment LED Display Driver (Serially Loaded) PLCC Package .....
5450	ST 40	34-Segment LED Display Driver with continuous brightness control (Serially Loaded).....
5450	NSC 40	34-Segment LED Display Driver (Serially Loaded) .....
5451	MICR 40	35-Segment LED Display Driver (Serially Loaded) .....
5451	MICR 44	35-Segment LED Display Driver (Serially Loaded) .....
5451	ST 40	35-Segment LED Display Driver with continuous brightness control (Serially Loaded).....
6275	ALEG 16	8-bit serial input, constant current latched LED driver, 8 NPN Darlington, ±5V input, 90mA output .....
6276	ALEG 24	16-bit serial input, constant current latched LED driver, 16 NPN Darlington, ±5V input, 90mA output .....
7212	INTS 40	CMOS 4-digit LED Display Decoder Driver (µP interface) .....
7216	INTS 28	CMOS 10MHz Universal Counter (8-digit C.A. LED Driver) .....
7217	INTS 28	CMOS 4-digit Up/Down Decade Counter/C.C. Display Driver – counts to 9999.
7217	INTS 28	CMOS 4-digit Up/Down Decade Counter/C.A. Display Driver – counts to 9959.
7217	INTS 28	CMOS 4-digit Up/Down Decade Counter/C.A. Display Driver – counts to 9999.
7218	INTS 28	CMOS Universal 8 digit LED Driver system (C.A. Display) µP app .....
7218	MAX 28	CMOS 8 digit LED Driver system (C.A. Display) µP interface .....
7218	INTS 28	CMOS Universal 8-digit LED Driver system (C.C. Display) µP app .....
7218	INTS 28	CMOS Universal 8 digit LED Driver system (C.A. Display) hardwire app...
7218	INTS 28	CMOS Universal 8-digit LED Driver system (C.C. Display) hardwire app..
7219	MAX 24	8-digit, Serially Interfaced, LED Display Driver (C.C. Display), µP interface.
7219	MAX 24	8-digit, Serially Interfaced, LED Display Driver (C.C. Display), µP interface.
7228	INTS 28	8-digit LED Multiplexed Display Driver .....

Mfrs. List No.	Order Code	Price Each				
		1+	10+	100+	250+	500+
UDN2585A	<b>405-838.</b>					
UDN2981A	<b>405-840.</b>					
A2982SLW	<b>SMD675-982†</b>					
UDN2982A	<b>405-851.</b>					
LM3914N	<b>405-863</b>					
LM3914N-1	<b>NEW355-7078</b>					
LM3915N	<b>405-875</b>					
LM3915N-1	<b>NEW355-7080</b>					
LM3916N-1	<b>NEW355-7091</b>					
MM5450BN	<b>112-276</b>					
MM5450BV	<b>SMD112-288</b>					
M5450B7	<b>405-899</b>					
MM5450N	<b>405-905†</b>					
MM5451BN	<b>112-290</b>					
MM5451BV	<b>SMD112-306</b>					
M5451B7	<b>405-917</b>					
A6275EA	<b>300-5306</b>					
A6276EA	<b>300-5318</b>					
ICM7212AMIPL	<b>405-930</b>					
ICM7216AIJI	<b>405-942</b>					
ICM7217AIPI	<b>405-966</b>					
ICM7217BIJI	<b>405-978†</b>					
ICM7217IJI	<b>405-980</b>					
ICM7218AIJI	<b>405-991</b>					
ICM7218AIPI	<b>641-870</b>					
ICM7218BIJI	<b>406-004</b>					
ICM7218CIJI	<b>406-016</b>					
ICM7218DIJI	<b>406-028</b>					
MAX7219CNG	<b>483-217</b>					
MAX7219CWG	<b>SMD787-668</b>					
ICM7228AIPI	<b>406-041</b>					

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