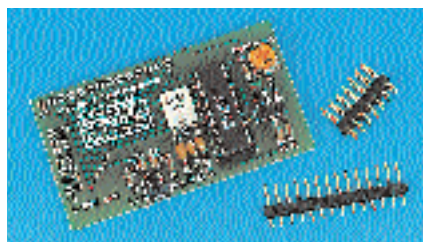


LCD Driver Board



The board is supplied with pin headers for 14 x 1 and 7 x 2 LCD connection configurations. Two jumpers on the board configure the LCD and signals at either 2400 Baud (jumper missing) or 9600 Baud (jumper installed), accepted via RS-232. The display contrast can be adjusted by the on-board potentiometer. An incoming signal, ground and a +5V at approximate 5mA makes it suitable for driving from the BASIC Stamp, Order code 111-235.

SEM741

LCD Driver Board Order Code 301-2839

each

Line Drivers and Receivers

SEM117

Drivers – Single

Mftr.	Pins	Description	Propagation Delay (ns) typ.
8131	AD 8	High Speed 400MHz, Differential Driver	—

Drivers – Dual

88C30	NSC 14	Dual Differential Line Driver	110
488	AD 8	CMOS Differential Bus Transceiver with reduced slew rate. Low Power (RS485/422 – IND TEMP)	—
489	AD 14	CMOS Differential Bus Transceiver with reduced slew rate. Low Power (RS485/422 – IND TEMP)	—
9636	NSC 8	Dual RS423 Programmable Slew Rate Line Driver	1100
9636	TI 8	Dual RS423 Programmable Slew Rate Line Driver	1100
9638	NSC 8	Dual RS422 Differential Line Driver	10
9638	TI 8	Dual RS422 Differential Line Driver	10
75110	TI 14	Dual Line Driver – 12mA Output	9
75150	NSC 8	Dual RS232 Line Driver	60

Drivers – Quad

14C88	NSC 14	Quad CMOS RS232 Line Driver	6µs max	DS14C88M	SMD 406-363
14C88	NSC 14	Quad CMOS RS232 Line Driver	6µs max	DS14C88N	406-375
26C31	NSC 16	Quad CMOS Differential RS422 Line Driver (Tri-state)	8	DS26C31TN	406-387
26LS30	AMD 16	Quad/Dual Differential RS422/RS423 Line Driver (Tri-state) ..	120	AM26LS30PC	483-102
26LS30	ON 16	Quad Single/Dual Differential RS422/RS423 Line Driver. (IND TEMP)	90	AM26LS30PC	793-050
26LS31	TI 16	Quad Differential RS422 Line Driver (Tri-state)	14	AM26LS31CN	406-399
26LS31	AMD 16	Quad Differential RS422 Line Driver (Tri-state)	—	AM26LS31PC	335-4738
26LS31	AMD 16	Quad Differential RS422 Line Driver (Tri-state)	—	AM26LS31SC	SMD 671-836
26LS31	NSC 16	Quad Differential RS422 Line Driver (Tri-state)	10	DS26LS31CM	SMD 406-405
26LS31	NSC 16	Quad Differential RS422 Line Driver (Tri-state)	10	DS26LS31CN	406-417
34C87	NSC 16	Quad CMOS Differential RS422 Line Driver (Tri-state)	8	DS34C87TM	SMD 406-429
34C87	NSC 16	Quad CMOS Differential RS422 Line Driver (Tri-state)	8	DS34C87TN	406-430
34C87	STECH 16	Quad CMOS Differential RS422 Line Driver (Tri-state)	8	ST34C87CP16	641-765
75ALS192	TI 16	Quad Differential RS422 Line Driver (Tri-state)	6	SN75ALS192N	406-442
75C188	TI 14	Quad CMOS RS232 Line Driver	3µs max	SN75C188N	406-454
65	TI 16	Quad High-speed 150Mbps Differential Line Driver	4.5	SN65LVDM31D	SMD NEW 355-5800
65	TI 16	Quad High-speed Differential Driver	4.5	SN65LVDS31D	SMD 334-9597
90	NSC 16/	TSSOP Quad CMOS Differential Line Driver, 3V LVDS	—	DS90LV04ATMTC	SMD 332-6779
1488	NSC 14	Quad RS232 Line Driver	230	DS1488M	SMD 406-478
1488	NSC 14	Quad RS232 Line Driver	230	DS1488N	406-480
1488	MAX 14	Quad CMOS RS232 Line Driver. (MC1488, DS1488)	3µs	MAX1488ECPD	702-699
1488	ST 14	Quad RS232 Line Driver	275	MC1488D1	SMD 787-292
1488	ON 14	Quad RS232 Line Driver	350	MC1488P	301-2890
1488	ST 14	Quad RS232 Line Driver	275	MC1488P	406-510
3487	NSC 16	Quad Differential RS422 Line Driver (Tri-state)	10	DS3487M	SMD 571-234
3487	NSC 16	Quad Differential RS422 Line Driver (Tri-state)	10	DS3487N	406-521
3487	TI 16	Quad Differential RS422 Line Driver (Tri-state)	20	MC3487N	406-533
3691	NSC 16	Quad/Dual Differential RS422/RS423 Line Driver (Tri-state) (26LS30).	120	DS3691M	SMD 571-246
3691	NSC 16	Quad/Dual Differential RS422/RS423 Line Driver (Tri-state) (26LS30).	120	DS3691N	406-545
75172	TI 16	Quad Differential RS422/RS485 Line Driver (Tri-state)	45	SN75172N	406-557
75174	TI 20	Quad Differential RS422/RS485 Line Driver (Tri-state)	45	SN75174DW	SMD 571-258
75174	TI 16	Quad Differential RS422/RS485 Line Driver (Tri-state)	45	SN75174N	406-569
75188	TI 14	Quad RS232 Line Driver	220	SN75188D	SMD 594-799
75188	TI 14	Quad RS232 Line Driver	220	SN75188N	406-570
96172	NSC 16	Quad Differential RS422/RS485 Line Driver (Tri-state)	45	DS96172CN	704-465
96F174	NSC 16	Quad Differential RS485/RS422 Line Driver (Tri-state, separate active HI Enable per pair)	—	DS96F174CJ	953-600
96174	NSC 16	Quad Differential RS422/RS485 Line Driver (Tri-state)	45	DS96174CN	704-489

Receivers—Dual

88C20	NSC 14	Dual CMOS Differential RS232-RS422/RS423 Line Receiver	60	DS88C20N	406-594
8820	NSC 14	Dual Line Receiver	30	DS8820AN	406-624
9637	NSC 8	Dual Differential RS422/423 Line Receiver	15	DS9637ACN	406-648
9637	TI 8	Dual Differential RS422/423 Line Receiver	15	UA9637ACP	406-650
9639	NSC 8	Dual Differential RS422/423/232 Line Receiver	55	DS9639ACN	406-661†
75107	NSC 14	Dual Line Receiver	17	DS75107AM	SMD 792-597†
75107	TI 14	Dual Line Receiver	17	SN75107AN	406-685
75182	TI 14	Dual Differential Line Receiver	18	SN75182N	406-740

† Available until stocks are exhausted

Continued