Semiconductors – Integrated Circuits

Line Drivers and Receivers — continued

Receivers—Quad

	Mftr.	Pins	Description	Propagation Delay (ns) typ.	Mftrs. List No.	Order Code	1+	10+	100+	250+	500+
14C89	NSC	14	Quad CMOS RS232 Line Receiver	6.5µs max.	DS14C89M	SMD 406-752					
14C89	NSC	14	Quad CMOS RS232 Line Receiver	6.5µs max.	DS14C89AN	.406-764					
14C89	INTS	14	Quad CMOS RS232 Line Receiver with ESD protection	2µs	HIN14C89ECBN	SMD 302-5500					
14C89	INTS	14	Quad CMOS RS232 Line Receiver with ESD protection	2µs	HIN14C89ECP	302-5494					
26C32	NSC	16	Quad CMOS Differential RS422/RS423 Line Receiver (Tri-state)	20	DS26C32ATN	406-776					
26C32	STECH	16	Quad CMOS Differential RS422/RS423 Line Receiver (Tri-state)	8	ST26C32CP16	641-730					
26LS32	AMD	16	Quad Differential RS422/RS423 Line Receiver (Tri-state)	—	AM26LS32PC	671-848					
26LS32	AMD	16	Quad Differential RS422/RS423 Line Receiver (Tri-state)	—	AM26LS32SC	SMD 671-850					
26LS32	NSC	16	Quad Differential RS422/RS423 Line Receiver (Tri-state)	23	DS26LS32ACN	406-788					
26LS32	NSC	16	Quad Differential RS422/RS423 Line Receiver (Tri-state)	17	DS26LS32CM	SMD .406-790					
26LS32	NSC	16	Quad Differential RS422/RS423 Line Receiver (Tri-state)	17	DS26LS32CN	.406-806					
26LS33	AMD	16	Quad Differential Line Receiver (Tri-state)	—	AM26LS33PC	335-4740					
26LS33	AMD	16	Quad Differential Line Receiver (Tri-state)	—	AM26LS33SC	SMD 671-873					
34C86	NSC	16	Quad CMOS Differential RS422/RS423 Line Receiver (Tri-state)	20	DS34C86TM	SMD 406-831					
34C86	NSC	16	Quad CMOS Differential RS422/RS423 Line Receiver (Tri-state)	20	DS34C86TN	406-843					
75C189	TI	14	Quad CMOS RS232 Line Receiver	6µs max.	SN75C189N	406-880					
65	TI	16	Quad High-speed Enhanced Differential Line Receiver	6	SN65LVDS32AD	SMD 334-9380					
65	TI	16	Quad High-speed Differential Line Receiver	3	SN65LVDS32D	SMD 334-9603					
65	TI	16	Quad High-speed Enhanced Differential Line Receiver with Termination Resistors	6	SN65LVDT32AD	SMD 334-9391					
90	NSC	16/TSSOP	Quad CMOS Differential Line Receiver, 3V LVDS		DS90LV048ATMTC	SMD 332-6780					
1489	NSC	14	Quad RS232 Line Receiver	28	DS1489AM	SMD .406-892					
1489	NSC	14	Quad RS232 Line Receiver	28	DS1489AN	.406-909					
1489	NSC	14	Quad RS232 Line Receiver	28	DS1489M	SMD 406-910					
1489	NSC	14	Quad RS232 Line Receiver	28	DS1489N	406-922					
1489	MAX	14	Quad CMOS RS232 Line Receiver. (MC1489, DS1489)	4µs max.	MAX1489ECPD	.702-705					
1489	ON	14	Quad RS232 Line Receiver	25	MC1489AP	334-3698					
1489	ST	14	Quad RS232 Line Receiver	25	MC1489AP	406-946					
1489	ST	14	Quad RS232 Line Receiver	275	MC1489D1	SMD 787-309					
1489	ON	14	Quad RS232 Line Receiver	25	MC1489P	334-3704					
1489	ST	14	Quad RS232 Line Receiver	25	MC1489P	406-960					
3095	MAX	16	Quad, CMOS RS-485/RS-422 Line Receiver with ±15kV ESD protected	—	MAX3095CPE	301-2219					
3486	NSC	16	Quad Differential RS422/RS423 Line Receiver (Tri-state)	19	DS3486M	SMD .571-222					
3486	NSC	16	Quad Differential RS422/RS423 Line Receiver (Tri-state)	19	DS3486N	406-971					
3486	TI	16	Quad Differential RS422/RS423 Line Receiver (Tri-state)	28	MC3486N	406-983					
75154	NSC	16	Quad RS232 Line Receiver	22	DS75154M	SMD .406-995					
75173	TI	16	Quad Differential RS485/RS422/RS423 Line Receiver (Tri-state)	20	SN75173N	.407-021					
75175	TI	16	Quad Differential RS485/RS422/RS423 Line Receiver (Tri-state)	22	SN75175D	SMD .571-260					
75175	TI	16	Quad Differential RS485/RS422/RS423 Line Receiver (Tri-state)	22	SN75175N	.407-033					
75189	TI	14	Quad RS232 Line Receiver	25	SN75189AD	SMD .594-805					
75189	TI	14	Quad RS232 Line Receiver	25	SN75189N	407-057					
96173	NSC	16	Quad Differential RS485/RS422/RS423 Line Receiver (Tri-State)	20	DS96173CN	704-477					
96F175	NSC	16	Quad Differential RS485/RS422 Line Receiver (Tri-State, separate active HI Enable per pair)	—	DS96F175CJ	953-659†					
96175	NSC	16	Quad Differential RS485/RS422/RS423 Line Receiver (Tri-state)	22	DS96175CN	704-490					

Receivers—Octal

	Mftr.	Pins	Description	Propagation Delay (ns) typ.	Mftrs. List No.	Order Code	1+	10+	100+	250+	500+
5180	PS	28	Octal Differential RS232/RS423 Line Receiver	500 max.	NE5180N	407-069†					

Transmitters/Receivers

	Mftr.	Pins	Description	Propagation Delay (ns) typ.	Mftrs. List No.	Order Code	1+	10+	100+	250+	500+
31C32	STECH	28	CMOS Differential RS422/RS423 Driver/Receiver. 3 Drivers/5 Receivers. (PLCC Package)		ST31C32CJ28	SMD 641-741					
36	NSC	8	CMOS Differential Bus Transceiver (RS485) (IND TEMP)		DS36C278TM	SMD 705-433.					
36	NSC	8	CMOS Differential Bus Transceiver (RS485) (IND TEMP)		DS36C278TN	705-147.					
36	NSC	8	CMOS Differential Bus Transceiver with sleep mode (RS485) (IND TEMP)		DS36C279TM	SMD 705-410.					
36	NSC	8	CMOS Differential Bus Transceiver with Slew Rate Control (RS485) (IND TEMP)		DS36C280TM	SMD 705-421.					
36	NSC	8	Low Power Differential Bus Transceiver (RS485/RS422)		DS36F95J	705-366.					
65	TI	8	CMOS Differential Bus Transceiver (RS-485/RS-422). (IND TEMP)		SN65LBC176D	SMD 305-4019					
65	TI	8	CMOS Differential Bus Transceiver (RS-485/RS-422). (IND TEMP)		SN65LBC176P	305-4421					
65	TI	8	High Speed Low Power Differential and Receiver Pair		SN65LBC179AD	SMD NEW 355-5781					
65	TI	14	High Speed Low Power Differential and Receiver Pair		SN65LBC180AD	SMD NEW 355-5793					
65	TI	8	CMOS Differential Bus Transceiver with transient voltage suppression. (IND TEMP)		SN65LBC184D	SMD 305-4433					
65	TI	8	CMOS Differential Bus Transceiver with transient voltage suppression. (IND TEMP)		SN65LBC184P	305-4445					
65	TI	8	Low Voltage, High-speed Differential Line Transceiver		SN65LVDM176D	SMD 334-9512					
75	TI	8	High-speed, Low Voltage, LinBiCMOS, Differential Bus Transceiver		SN75LBC176D	SMD 334-9615					
75	TI	8	High-speed, Low Voltage, LinBiCMOS, Differential Bus Transceiver		SN75LBC176P	204-377					
75	TI	8	Differential Data Line Transceiver with ±15kV ESD protection, 0 to +70°C temp. range		SN75LBC184D	SMD 334-9639					
75	TI	8	Differential Data Line Transceiver with ±15kV ESD protection, 0 to +70°C temp. range		SN75LBC184P	334-9640					
202	AD	16	CMOS Dual RS232 Transmitter/Receiver, ±15kV ESD Protected (IND TEMP)		ADM202EAN	687-546					
202	AD	16	CMOS Dual RS232 Transmitter/Receiver		ADM202JN	527-580					
202	INTS	16	CMOS RS232 Transmitter/Receiver. 2 Drivers/2 Receivers		HIN202CB	SMD 302-5445					
202	INTS	16	CMOS RS232 Transmitter/Receiver. 2 Drivers/2 Receivers, with 15kV ESD protected		HIN202ECB	SMD 302-5457					
202	MAX	16	CMOS Dual RS232 Transmitter/Receiver (MAX232 upgrade)		MAX202CPE	.270-957					
202	MAX	16	CMOS Dual RS232 Transmitter/Receiver (MAX232 upgrade)		MAX202CSE	SMD .571-623					
202	MAX	16	CMOS Dual RS232 Transmitter/Receiver (MAX232 upgrade)		MAX202CWE	SMD 305-0178					
202	MAX	16	CMOS Dual RS232 Transmitter/Receiver (MAX232 upgrade), ±15KV ESD Protection		MAX202ECPE	.639-333					

† Available until stocks are exhausted Continued