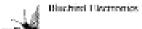
## **Semiconductors** – Integrated Circuits

Transn			eivers – continued					Price Eacl		
2020		Pins 16	Description	Mftrs. List No.	Order Code	1+	10+	100+	250+	500+
3232 3238	MAX		Low Power, RS232 Transmitter/Receiver, 2 Drivers/2 Receivers (MAX232 compatible)	MAX3232CPE	305-0269					
3230	IVIAA	20	shutdown, 3V powered (SSOP)	MAX3238EAI	SMD 301-2232					
3241	MAX		CMOS, RS232 Transceiver, 3 Drivers/5 Receivers, with auto-shutdown, 250kbps data rate and ±15kV ESD protection, 3V to 5.5V supply. (SSOP)	MAX3241ECAI	SMD NEW 353-4121					
3243	MAX	28	CMOS, RS232 Transceiver, 3 Drivers/5 Receivers, with low power shut- down, 250kbps data rate and ±15kV ESD protection. (SSOP)	MAX3243ECAI	SMD NEW 353-4133					
3311	AD	28	CMOS, RS232 Transmitter/Receiver with auto-shutdown, 3V powered and ±15kV ESD protected. 3 Drivers/5 Receivers	AD3311EARS	SMD 314-6418					
3471	MAX	8	CMOS, Differential Transceiver (RS-485/RS-422) with fail-safe receiver input	MAX3471CUA	SMD 301-2256					
3483	MAX	8	RS485/RS422, 3.3V - Low Power Transmitter/Receiver, with slew-rate limited driver	MAX3483CPA	.641-893					
3485	AD	8	RS485/RS422, 3.3V - Low Power Transmitter/Receiver, transmits up to 20Mbps	ADM3485EAN	314-6420					
3485	MAX	8	RS485/RS422, 3.3V - Low Power Transmitter/Receiver, transmits up to 10Mbps	MAX3485CPA	.641-900					
3491	AD	14	RS485/RS422, 3.3V - Low Power Transmitter/Receiver with Shutdown							
			Mode, transmits up to 20Mbps		SMD 117-250					
3695 6002	NSC TI	8 20	Multipoint Transceiver (RS485/RS422) - IND TEMP Dual Differential Line Driver and Receiver, ±4 to ±16V, 0 to +70°C Temp.	DS3695ATM	SMD 953-866					
			Range	THS6002CDWP	SMD 334-9718					
6002	TI	20	Dual Differential Line Driver and Receiver, ±4 to ±16V, -40 to +85°C Temp. Range	THS6002IDWP	SMD 334-9731					
6002	TI	-	Evaluation board for the THS6002xxxx series Dual Differential							
			Driver/Receivers. This is a purpose designed board which simplifies the evaluation of this series of devices. I/O connection are via SMA connectors.	THS6002EVM	334-9720					
8921	NSC	8	RS422 Differential Line Driver and Receiver Pair	DS8921N	407-392					
8922	NSC	16	RS422 Dual Differential Line Driver and Receiver Pair, common control function (Tri-state)	DS8922N	407-409					
14185	NSC	20	RS232 Driver/Receiver, 3 Drivers/5 Receivers, (Replaces one 1488 and		407-409					
14196	NSC	20	two 1489s)	DS14185WM	SMD 792-585					
14130	NOO		one 1489)		SMD 792-573					
75155 75155	TI TI	8 8	RS232 Line Driver/Receiver		SMD.594-878 .407-434					
75176	NSC	8	Differential Bus Transceiver (RS485/RS422)		403-635.					
75176	NSC	8	Industrial Differential Bus Transceiver (RS485/RS422)		403-647.					
75176 75176	TI TI	8 8	High Performance Differential Bus Transceiver (RS485/RS422)		403-659.					
75176 75176	ΤΪ	8	Differential Bus Transceiver (RS485/RS422)		.403-660. SMD.571-167.					
75176	TI	8	Differential Bus Transceiver (RS485/RS422), (improved SN75176AP)	SN75176BP	403-672.					
75185	ST	20	RS232, 3 Drivers/5 Receivers. (SN75185 Equivalent, SOIC)		SMD NEW 353-0050					
75185 96176	ST NSC	20 8	RS232, 3 Drivers/5 Receivers. (SN75185 Equivalent) Differential Bus Transceiver (RS485/RS422)		NEW 353-0048 403-684.					
145403	ON	20	CMOS, Low Power RS232 Transmitter/Receiver. 3 Drivers/5 Receivers		.638-936†					
145405	ON	20	CMOS, Low Power RS232 Transmitter/Receiver. 5 Drivers/3 Receivers		.638-948†					
145406 145406	PS PS	16 16	CMOS Triple RS232 Low Power Transmitter/Receiver		SMD.571-155 526-460					
145406	ON	16	CMOS Triple RS232 Low Power Transmitter/Receiver	MC145406P	638-950					
145407	ON	20	CMOS Triple RS232 Low Power Transmitter/Receiver, +5V Supply	MC145407P	638-961					
<b>Repea</b> 75178	ters Ti	8	Repeater for RS485/RS422 line	CN75170D	.407-458					
13116	11	0	nepealei iui no400/no422 iiile		.407-458 stocks are exhausted					
				1 Avanabio until 3	Stocko aro okridastou					

## RS232 in a Box



RS232 in a Box has been designed for engineers trying to sort out the ever-trying problems associated with RS232 hardware. These problems are usually associated with non-standard interfaces commonly found during product development.



RS232 in a Box contains all the basic information and hardware required to connect equipment together. Various adapters are provided to enable gender and 25/9 way cables and connectors to interface. An RS232 mini tester is provided to assist in unscrambling the TX, RX, CTS, DTR pins etc. A pair of 9 way D connectors with screw terminals are included to enable custom interface patches to be quickly tested prior to making up the final cable.

The RS232 in a Box also comes with a booklet describing the interface, protocol, problems and solutions and application ideas for custom testers. The testers, 300 baud repeater, mouse stick, data logger,  $X_{ON}/X_{OFF}$  tester and ASCII monitor, are based on the PIC Micro and source code is provided on the accompanying 3.5" disk.

RS232 in a Box is supplied in a rugged case to help ensure contents remain secure.

	SEM697
232 in a BoxOrder Code 120-005	each

Continued