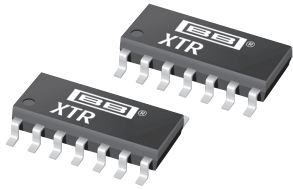


INTERFACE & I/O CONTROLLER ICS

4-20mA TRANSMITTER/RECEIVER ICS



Applications:

- Industrial Process Control
- Pressure/Temperature Transmitters
- Current-Mode Bridge Excitation
- Grounded Transducer Circuits
- Current Source Reference For Data Acquisition
- Programmable Current Source For Test Equipment
- Power Plant/Energy System Monitoring

Mfg. Part No.	Case Style	Supply Voltage	Input Offset Voltage	CMRR	Stock No.	Price Each
1 Amplifier						
● XTR105PA	DIP-14 Pins	7.5 V to 36 V	50µV	82dB	80K6192	---
● XTR105UA	SOIC-14 Pins	7.5 V to 36 V	250µV	86dB	77C3632	---
● XTR300AIRGWT	VQFN-20 Pins	10 V to 40 V	400µV	126dB	80K3971	---
3 Amplifier						
● XTR105P	DIP-14 Pins	7.5 V to 36 V	100µV	86dB	77C3629	12.06
● XTR101AP	DIP-14 Pins	11.6 V to 40 V	100µV	100dB	84K4518	---
5 Amplifier						
● XTR106P	DIP-14 Pins	7.5 V to 36 V	100µV	86dB	77C3634	---
● XTR106PA	DIP-14 Pins	7.5 V to 36 V	250µV	86dB	80K6193	---
● XTR106UA	SOIC-14 Pins	7.5 V to 36 V	250µV	86dB	80K6194	---
Precision 1 AMP DIP 16 Pins, 1 Amplifier						
● RCV420JP	DIP-16 Pins	11.4 V to 18 V	1mV	86dB	60K6765	---
Precision 2 AMP 25 nA MSOP 10 Pins, 2 Amplifier						
● XTR111AIDGQT	MSOP-10 Pins	7 V to 44 V	1.5mV	...	54M7931	---
Precision 2 AMP DIP 16 Pins, 2 Amplifier						
● XTR110KP	DIP-16 Pins	13.5 V to 40 V	0V	...	79K0175	11.64

PIM_64874

LVDS/M-LVDS/ECL/CML INTERFACE ICS



Applications:

- Wireless Infrastructure
- Telecom Infrastructure
- Printers

The SN55LVDS xxx device is characterized for operation from -55°C to 125°C
 The SN65LVDSxxx devices are characterized for operation from -40°C to 85°C
 The SN75LVDSxxx devices are characterized for operation from 0°C to 70°C
 The intended application of the devices and signaling technique is for point-to-point baseband data transmission over controlled impedance media of approximately 100 Ω. The transmission media may be printed-circuit board traces, backplanes, or cables. The large number of receivers integrated into the same substrate along with the low pulse skew of balanced signaling, allows extremely precise timing alignment of clock and data for synchronous parallel data transfers.

Mfg. Part No.	Case Style	Supply Voltage	No. of Receivers	Data Rate	Stock No.	Price Each
Differential Line						
● SN65LVDS31PW	TSSOP-16	3Vto3.6V	0Receivers	400Mbps	76C0755	---
Differential Line Driver						
● SN65LVDS9638DGN	MSOP-8	3Vto3.6V	0Receivers	150Mbps	76C0815	---
● SN65LVDM31D	SOIC-16	3Vto3.6V	0Receivers	150Mbps	35K0742	---
● SN65LVDS391PW	TSSOP-16	3Vto3.6V	0Receivers	630Mbps	72K9422	2.19
● SN65LVDS047PW	TSSOP-18	3Vto3.6V	0Receivers	400Mbps	75C7841	---
● SN65LVDS387DGG	TSSOP-64	3Vto3.6V	0Receivers	630Mbps	74K3949	---
● SN65LVDS9638DGKR	VSSOP-8	3Vto3.6V	0Receivers	150Mbps	76C0814	---
Differential Line Receiver						
● SN65LVDS2D	SOIC-8	2.4Vto3.6V	1Receivers	400Mbps	76C0743	---
● SN65LVDS32D	SOIC-16	3Vto3.6V	4Receivers	400Mbps	68K1112	---
● SN65LVDS32BDR	SOIC-16	3Vto3.6V	4Receivers	400Mbps	76C0758	1.64
● SN65LVDT33D	SOIC-16	3Vto3.6V	4Receivers	400Mbps	76C0826	---
● SN75LVDT390D	SOIC-16	3Vto3.6V	4Receivers	630Mbps	76C5314	---
● SN65LVDT390PW	TSSOP-16	3Vto3.6V	4Receivers	200Mbps	76C0848	---
● SN65LVDS33PW	TSSOP-16	3Vto3.6V	4Receivers	400Mbps	76C0766	---
● SN75LVDT388ADB	TSSOP-38	3Vto3.6V	8Receivers	630Mbps	31C9559	---
● SN65LVDT388ADB	TSSOP-38	3Vto3.6V	8Receivers	630Mbps	76C0842	---
● SN65LVDT386DGGR	TSSOP-64	3Vto3.6V	16Receivers	250Mbps	76C0841	---
● SN65LVDT386DGG	TSSOP-64	3Vto3.6V	16Receivers	630Mbps	77K7808	---
Differential Line Transceiver						
● SN65LVDS100DGKR	MSOP-8	3Vto3.6V	1Receivers	2Gbps	02E6877	---
● SN65LVDS1DBVR	SOT-23-5	2.4Vto3.6V	0Receivers	630Mbps	76C0715	1.65
● SN65LVDS2DBVR	SOT-23-5	2.4Vto3.6V	1Receivers	400Mbps	76C0744	---

Accessories

LVDS/M-LVDS/ECL/CML INTERFACE ICS (CONT.)

Mfg. Part No.	Logic Type	Stock No.	Price Each
● SN65LVDS100DGK	Translator / Repeater	02E6876	1-1-9+
● SN65LVDS101D	Translator / Repeater	02E6880	---
● SN65LVDS101DGK	Level Translator	02E6881	---
● SN65LVDT101DGK	Level Translator	02E6894	---
● SN65LVCP418PAPT	Differential Buffer	14R5421	---
● SN65ELT21D	Level Translator	14R9900	---
● SN65ELT23D	Level Translator	14R9901	---
● SN65VELT23D	Level Translator	14R9902	---
● SN75LVDS389DBT	Differential Line Driver	19C1727	---
● SN65MLVD207D	Buffer, Line Driver	22H0115	---
● SN65LVCP15PW	Transceiver, Bidirectional	33P9826	---
● SN65LVDS31D	Differential Line Driver	36K3545	2.55
● SN65EL16D	Differential Receiver	40P3857	---
● SN65VEP11D	Fanout Buffer	40P3859	---
● SN65ELT22DGK	Level Translator	45P8150	---
● SN65EPT22D	Translator / Repeater	45P8157	---
● SN65VELT22D	Translator / Repeater	45P8166	---
● SN65MLVD048RGZT	LVDS	63R6146	---
● SN65LVDS389DBT	Differential Line Driver	74K3950	1.15
● SN65LVDM167DGG	Differential Line Transceiver	75C7818	---
● SN65LVDM167DGG	Transceiver	75C7820	---
● SN65LVDM179DGK	Line Driver, Receiver	75C7825	---
● SN65LVDS047D	Differential Line Driver	75C7839	---
● SN65LVDS1DBVT	Differential Line Transceiver	76C0716	---
● SN65LVDS105PW	Differential Buffer / Repeater	76C0720	---
● SN65LVDS1050PW	Transceiver	76C0722	---
● SN65LVDS33D	Differential Line Receiver	76C0764	---
● SN65LVDS9637BD	Differential Line Receiver	76C0806	0.69
● SN65LVDS9638DGK	Differential Line Driver	76C0813	---
● SN65LVDT348PW	Differential Line Receiver	76C0834	---
● SN75LVDS84ADGGR	Buffer, Translator	76C5297	---
● TB3R1D	PECL Differential Receiver	87H2743	---
● TB5D1MD	Differential Line	87H2747	---
● SN65LVDS050D	Transceiver	93B4979	---
● SN65LVDM179D	Differential Line Transceiver	93B5060	---

PIM_74643

RS-232 DRIVERS, RECEIVERS, AND TRANSCEIVERS



Mfg. Part No.	Case Style	Supply Voltage	No. of Drivers	Stock No.	Price Each
Line					
● SN75150P	DIP-8	±10.8Vto±13.2V	2Drivers	60K6922	---
Line Transceiver					
● SN65C3221EPW	TSSOP-16	3Vto3.6V	1Drivers	66K4154	---
RS232 / RS423 Driver					
● UA9636ACP	DIP-8	±10.8Vto±13.2V	2Drivers	60K7045	0.72
● UA9636ACD	SOIC-8	±10.8Vto±13.2V	2Drivers	09F1536	---
RS232 Driver					
● SN75C188N	DIP-14	±4.5Vto±15V	4Drivers	08F8025	---
● MC1488N	DIP-14	±7.5Vto±15V	4Drivers	60K6207	---
● SN75C188N	DIP-14	±7.5Vto±15V	4Drivers	60K6933	---
● SN75150D	SOIC-8	±10.8Vto±13.2V	2Drivers	08F8074	---
● SN75C188D	SOIC-14	±4.5Vto±15V	4Drivers	72K9441	---
● SN75188D	SOIC-14	±7.5Vto±15V	4Drivers	08F8135	---
RS232 Receiver					
● MC1489AN	DIP-14	4.5Vto5.5V	...	07F4438	0.27
● SN75189N	DIP-14	4.5Vto5.5V	0Drivers	08F8140	---
● MC1489N	DIP-14	4.5Vto5.5V	4Drivers	60K6208	0.49
● SN75C189N	DIP-14	4.5Vto6V	...	67K1134	0.10
● SN75154N	DIP-16	4.5Vto5.5V	4Drivers	08F8079	---
● SN75189AD	SOIC-14	4.5Vto5.5V	0Drivers	08F8137	0.21
● SN75189D	SOIC-14	4.5Vto5.5V	4Drivers	35K0843	---
● SN75154D	SOIC-16	4.5Vto5.5V	4Drivers	08F8078	---
RS232 Transceiver					
● SN75C1406N	DIP-16	±4.5Vto±15V	3Drivers	60K6918	---
● MAX232ECN	DIP-16	4.5Vto5.5V	2Drivers	02M3654	---
● MAX232EIN	DIP-16	4.5Vto5.5V	2Drivers	02M3668	---
● MAX232N	DIP-16	4.5Vto5.5V	2Drivers	59K8220	0.69
● MAX232IN	DIP-16	4.5Vto5.5V	2Drivers	92B8965	---
● SN75185N	DIP-20	4.5Vto5.5V	3Drivers	67K1145	---

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