

TEXAS INSTRUMENTS Analog ICs



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Texas Instruments

LVDS PHYS <800MBPS (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Supply Voltage (V)	I _{CC} (Max.) (mA)	Signaling Rate (Mbps)	Input Signal	Output Signal	Price Each			
								1	10	100	1000
595-SN65LVDS3486D	SN65LVDS3486D	SOIC-16	3.3	18	100	LVDS	LVTTTL	3.78	3.21	2.78	1.99
595-SN65LVDT390PW	SN65LVDT390PW	TSSOP-16	3.3	18	630	LVDS	LVTTTL	3.78	3.21	2.78	1.99
926-DS90LV019TM/NOB	DS90LV019TM/NOB	SOIC-14	3.3	20	100	TTL, LVTTTL, LVDS	TTL, LVTTTL, LVDS	2.83	2.54	2.08	1.33
926-S90LV019TMT/NOB	DS90LV019TMT/NOB	TSSOP-14	3.3	20	100	TTL, LVTTTL, LVDS	TTL, LVTTTL, LVDS	2.83	2.54	2.08	1.33
595-SN65LVDS047D	SN65LVDS047D	SOIC-16	3.3	26	400	LVTTTL	LVDS	4.20	3.57	3.10	2.21
595-SN65LVDS047PW	SN65LVDS047PW	TSSOP-16	3.3	26	400	LVTTTL	LVDS	4.20	3.57	3.10	2.21
595-SN65LVDS391D	SN65LVDS391D	SOIC-16	3.3	26	630	LVTTTL	LVDS	3.38	2.88	2.49	1.78
595-SN65LVDS391PW	SN65LVDS391PW	TSSOP-16	3.3	26	630	LVTTTL	LVDS	3.38	2.88	2.49	1.78
926-90LV031ATMT/NOB	DS90LV031ATMT/NOB	TSSOP-16	3.3	30	400	LVTTTL	LVDS	2.65	2.38	1.91	1.12
595-SN65LVDS049PW	SN65LVDS049PW	TSSOP-16	3.3	35	400	LVDS, LVTTTL	LVDS, LVTTTL	2.70	2.30	1.84	1.32
595-SN65LVDS31D	SN65LVDS31D	SOIC-16	3.3	35	400	LVTTTL	LVDS	3.38	2.88	2.49	1.78
595-SN65LVDS31PW	SN65LVDS31PW	TSSOP-16	3.3	35	400	LVTTTL	LVDS	3.38	2.88	2.49	1.78
926-DS90LV049TMT/NOB	DS90LV049TMT/NOB	TSSOP-16	3.3	35	400	LVTTTL, LVDS	LVTTTL, LVDS	2.86	2.57	2.10	1.35
926-DS25BR150TSD/NOB	DS25BR150TSD/NOB	LLP-8	3.3	35	3125	LVDS, LVPECL, CML	LVDS	4.86	4.36	3.58	2.29
595-SN65LVDT388ADB	SN65LVDT388ADB	SM8-38	3.3	40	630	LVDS	LVTTTL	5.90	5.01	4.34	3.11
926-DS90C363BMTX/NOB	DS90C363BMTX/NOB	TSSOP-48	3.3	40	455	CMOS, TTL	LVDS	4.64	4.17	3.42	2.19
926-DS90CF363BMTX/NOB	DS90CF363BMTX/NOB	TSSOP-48	3.3	40	455	CMOS, TTL	LVDS	4.64	4.17	3.42	2.19
926-DS25BR100TSD/NOB	DS25BR100TSD/NOB	LLP-8	3.3	43	3125	LVDS, LVPECL, CML	LVDS	5.36	4.81	3.94	2.53
926-DS25BR110TSD/NOB	DS25BR110TSD/NOB	LLP-8	3.3	43	3125	LVDS	LVDS	5.12	4.60	3.77	2.41
926-DS25BR120TSD/NOB	DS25BR120TSD/NOB	LLP-8	3.3	43	3125	LVDS, LVPECL, CML	LVDS	5.12	4.60	3.77	2.41
926-DS90CR215MTDX/NOB	DS90CR215MTDX/NOB	TSSOP-48	3.3	45	1386	CMOS, TTL	CMOS, TTL	6.19	5.66	4.56	2.92
926-DS90CR285MTDX/NOB	DS90CR285MTDX/NOB	TSSOP-56	3.3	45	1848	CMOS, TTL	CMOS, TTL	7.47	6.75	5.59	3.92
926-S25CP104ATSQ/NOB	DS25CP104ATSQ/NOB	LLP-40	3.3	50	3125	LVDS, LVPECL, CML	LVDS	19.06	17.52	14.80	11.35
926-D90CF384AMTDX/NOB	DS90CF384AMTDX/NOB	TSSOP-56	3.3	65	1800	LVDS	LVDS	4.86	4.36	3.58	2.29
595-SN65LVDS389DBT	SN65LVDS389DBT	SM8-38	3.3	70	630	LVTTTL	LVDS	5.34	4.54	3.93	2.81
926-DS90LV001TLD/NOB	DS90LV001TLD/NOB	LLP-8	3.3	70	800	LVDS, LVPECL, CML	LVDS	2.01	1.81	1.45	.855
926-DS90LV001TM/NOB	DS90LV001TM/NOB	SOIC-8	3.3	70	800	LVDS, LVPECL, CML	LVDS	2.42	2.17	1.74	1.02
926-DS90CF386MTDX/NOB	DS90CF386MTDX/NOB	TSSOP-56	3.3	70	2380	CMOS, TTL	LVDS	6.64	5.99	4.96	3.48
595-SN65LVDS387DGG	SN65LVDS387DGG	TSSOP-64	3.3	95	630	LVTTTL	LVDS	11.72	10.60	8.77	6.63
595-SN65LVPE501RGET	SN65LVPE501RGET	VQFN-24	3.3	120	5000	PCI Express	PCI Express	10.34	9.34	7.73	5.43
595-SN65LVPE502RGET	SN65LVPE502RGET	QFN-24	3.3	120	5000	USB 3.0	USB 3.0	4.79	4.30	3.52	2.26
926-DS90LV804TSD/NOB	DS90LV804TSD/NOB	LLP-32	3.3	140	800	LVDS, LVPECL, CML	LVDS	5.00	4.49	3.68	2.36
926-DS90LV004TYS/NOB	DS90LV004TYS/NOB	TQFP-48	3.3	140	1500	LVDS, LVPECL, CML	LVDS	6.72	6.07	5.03	3.53
926-DS25BR440TSD/NOB	DS25BR440TSD/NOB	LLP-40	3.3	190	3125	LVDS, LVPECL, CML	LVDS	8.76	7.91	6.55	4.60
926-S90LV110TMT/NOB	DS90LV110TMT/NOB	TSSOP-28	3.3	195	400	LVDS, LVPECL, CML	LVDS	7.94	7.17	5.94	4.17
595-SN65LV1224BRHBT	SN65LV1224BRHBT	VQFN-32	3.6	25	660	LVDS	LVDS	7.58	6.85	5.67	4.29
926-DS90C241VVS/NOB	DS90C241VVS/NOB	TQFP-48	3.6	65	840	LVTTTL	LVTTTL	9.94	8.97	7.43	5.22
926-DS90C031BTM/NOB	DS90C031BTM/NOB	SOIC-16	5	3	155	TTL	LVDS	3.28	2.79	2.41	1.72
926-DS90C031TM/NOB	DS90C031TM/NOB	SOIC-16	5	3	155	TTL	LVDS	3.87	3.29	2.85	2.04
926-DS90C032BTM/NOB	DS90C032BTM/NOB	SOIC-16	5	10	155	LVDS	TTL	2.83	2.40	2.08	1.49
926-DS90C032TM/NOB	DS90C032TM/NOB	SOIC-16	5	10	155	LVDS	TTL	3.21	2.73	2.36	1.69
926-DS90C402M/NOB	DS90C402M/NOB	SOIC-8	5	10	155	LVDS	TTL	3.38	2.88	2.49	1.78

M-LVDS/B-LVDS PHYS <500MBPS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Supply Voltage (V)	I _{CC} (Max.) (mA)	Signaling Rate (Mbps)	Input Signal	Output Signal	Price Each			
								1	10	100	1000
926-DS91M040TSD/NOB	DS91M040TSD/NOB	LLP-32	3.3	-	250	LVTTTL, MLVDS	LVTTTL, MLVDS	7.71	6.96	5.76	4.05
595-SN65LVDM180D	SN65LVDM180D	SOIC-14	3.3	13	500TX/150RX	LVDM, LVTTTL	LVDM, LVTTTL	3.38	2.88	2.49	1.78
595-SN65LVDM180PW	SN65LVDM180PW	TSSOP-14	3.3	13	500TX/150RX	LVDM, LVTTTL	LVDM, LVTTTL	3.38	2.88	2.49	1.78
595-SN65LVDM176DGK	SN65LVDM176DGK	MSOP-8	3.3	15	400	LVDM, LVTTTL	LVDM, LVTTTL	4.72	4.01	3.48	2.48
926-DS92LV010ATM/NOB	DS92LV010ATM/NOB	SOIC-8	3.3	22	100	LVTTTL, LVDS	LVTTTL, LVDS	3.86	3.47	2.84	1.82
595-SN65MLVD200AD	SN65MLVD200AD	SOIC-8	3.3	24	100	LVTTTL, M-LVDS	LVTTTL, M-LVDS	3.12	2.65	2.30	1.64
595-SN65MLVD204AD	SN65MLVD204AD	SOIC-8	3.3	24	100	LVTTTL, M-LVDS	LVTTTL, M-LVDS	3.54	3.01	2.61	1.86
595-SN65MLVD201D	SN65MLVD201D	SOIC-8	3.3	24	200	LVTTTL, M-LVDS	LVTTTL, M-LVDS	3.73	3.17	2.75	1.96
595-SN65MLVD2DRBT	SN65MLVD2DRBT	SON-8	3.3	25	250	M-LVDS	LVTTTL	2.78	2.50	2.01	1.18
595-SN65MLVD040RGZT	SN65MLVD040RGZT	VQFN-48	3.3	90	250	LVTTTL, M-LVDS	M-LVDS, TTL	8.89	8.03	6.64	4.66

LINE CIRCUITS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Drivers Per Package	Receivers Per Package	Driver (RL) (Ohms)	Receiver (Vth) (mV)	Supply Voltage	Driver tpd (ns)	Receiver tpd (ns)	I _{CC} (Max.) (mA)	Price Each			
											1	10	100	1000
595-SN75107AN	SN75107AN	PDIP-14	-	2	-	25	-	-	-	-	2.06	1.75	1.40	1.01
595-SN75107BDR	SN75107BDR	SOIC-14	-	2	-	25	-	-	-	-	.74	.62	.40	.32
595-SN75107BN	SN75107BN	PDIP-14	-	2	-	25	-	-	-	-	.82	.682	.44	.352
595-SN75115D	SN75115D	SOIC-16	-	2	-	1000	5	-	75	50	2.64	2.25	1.95	1.39
595-SN75115N	SN75115N	PDIP-16	-	2	-	1000	5	-	75	50	2.64	2.25	1.80	1.29
595-SN75140P	SN75140P	PDIP-8	-	2	-	-	5	-	35	35	2.33	1.98	1.59	1.14
595-SN75182N	SN75182N	PDIP-14	-	2	-	1000	5	-	45	10.2	2.64	2.25	1.95	1.39
595-SN75207BN	SN75207BN	PDIP-14	-	2	-	25	5	-	35	30	3.70	3.15	2.73	1.95
595-SN75ALS197N	SN75ALS197N	PDIP-16	-	4	-	-	-	-	22	35	.61	.511	.33	.264
595-SN75ALS199D	SN75ALS199D	SOIC-16	-	4	-	-	-	-	22	35	1.47	1.25	1.00	.722
595-SN65HVD62RGTT	SN65HVD62RGTT	QFN-16	1	1	50	-	5.5	500	2000	20	5.24	4.71	3.86	2.47
595-SN65HVD101RGBT	SN65HVD101RGBT	VQFN-20	1	1	-	-	5.5	2000	800	20	6.43	5.78	4.73	3.03
595-SN65HVD102RGBT	SN65HVD102RGBT	VQFN-20	1	1	-	-	3.3	2000	800	20	5.79	5.20	4.26	2.73
595-SN75116N	SN75116N	PDIP-16	1	1	100	1000	5	-	30	60	5.42	4.61	3.99	2.85
595-SN75118N	SN75118N	PDIP-16	1	1	100	1000	5	-	30	60	5.42	4.61	3.99	2.85
595-SN75119P	SN75119P	PDIP-8	1	1	100	1000	5	-	30	60	5.42	4.61	3.99	2.85
595-SN65ALS1176D	SN65ALS1176D	SOIC-8	1	1	-	-	5	8	25	30	6.22	5.28	4.58	3.27
595-SN75113N	SN75113N	PDIP-16	2	-	100	-	5	30	-	65	2.64	2.25	1.80	1.29
595-SN75114N	SN75114N	PDIP-16	2	-	100	-	5	30	-	50	2.64	2.25	1.80	1.29
595-SN75183N	SN75183N	PDIP-14	2	-	100	-	5	18	-	18	2.64	2.25	1.80	1.29
595-SN75110AD	SN75110AD	SOIC-14	2	-	-	-	5	15	-	35	.89	.744	.48	.384
595-SN75110AN	SN75110AN	PDIP-14	2	-	-	-	5	15	-	35	.82	.682	.44	.352
595-SN75112N	SN75112N	PDIP-14	2	-	-	-	5	15	-	40	1.19	1.01	.78	.545
595-SN75138N	SN75138N	PDIP-16	4	4	50	-	5	24	15	65	2.64	2.25	1.80	1.29
595-SN75160BDW	SN75160BDW	SOIC-20	8	8	-	-	5	20	22	110	2.64	2.25	1.95	1.39
595-SN75160BN	SN75160BN	PDIP-20	8	8	-	-	5	20	22	110	2.64	2.25	1.80	1.29
595-SN75161BDW	SN75161BDW	SOIC-20	8	8	-	-	5	20	35	110	2.64	2.25	1.95	1.39
595-SN75161BN	SN75161BN	PDIP-20	8	8	-	-	5	20	35	110	2.64	2.25	1.80	1.29
595-SN75162BDW	SN75162BDW	SOIC-24	8	8	-	-	5	20	35	110	2.64	2.25	1.95	1.39
595-SN75ALS160DW	SN75ALS160DW	SOIC-20	8	8	-	-	5	20	18	80	3.04	2.58	2.24	1.60
595-SN75ALS160N	SN75ALS160N	PDIP-20	8	8	-	-	5	20	18	80	2.77	2.36	2.04	1.46
595-SN75ALS162DW	SN75ALS162DW	SOIC-24	8	8	-	-	5	20	14	75	6.66	6.02	4.98	3.76