TEXAS INSTRUMENTS Analog ICs

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INTERFACE (CONT.)

USB Peripherals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	USB Speed	No. of Endpoints IN	No. of Endpoints OUT	Supply Voltage	MCU Speed (Max.) (MIPs)	MCU Code Space (Kbytes)	GPIO Pins	Bulk Transfer	Price Each 1	Price Each 10	Price Each 100	Price Each 500
595-TUSB9261PVP	TUSB9261PVP	HTQFP-64	Super	5	5	3.3, 1.1	75	64	12	-	6.55	5.89	4.82	4.10
Demonstration Board	Description												Price Each	
595-TUSB9261DEMO	TUSB9261DEMO	Demo Board that is a free-standing reference design that acts as a bridge between a SuperSpeed USB bus and a Serial-ATA device											49.00	

USB Switches

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	R_{ON} (Max.) (Ω)	I_L OFF (Max.)	OFF Time (Max.)	ON Time (Max.)	R_{ON} Mis-Match (Max.) (Ω)	R_{ON} Flatness (Max.) (Ω)	V_{CC} Min.	V_{CC} Max.	t_{pd} (Max.)	Price Each 1	Price Each 10	Price Each 100	Price Each 500
595-TPS25810RVCT	TPS25810RVCT	WQFN-20	0.42	3	0.55	2	-	-	2.9	6.5	-	2.87	2.58	2.12	1.80
595-TS3USB221DRCR	TS3USB221DRCR	SON-10	6	2	12	30	0.2	1	2.3	3.6	0.25	1.00	.903	.704	.581
595-TS3USBA225RUTR	TS3USBA225RUTR	QFN-12	7.5	±1000	20	60	0.1	0.1	2.7	4.3	0.25	1.72	1.55	1.24	1.02
595-HD3SS3212IRKSR	HD3SS3212IRKSR	VQFN-20	8	1	500	500	0.5	1	3	3.6	80	1.87	1.68	1.35	1.11
595-HD3SS3212RKSR	HD3SS3212RKSR	VQFN-20	8	1	500	500	0.5	1	3	3.6	80	1.77	1.59	1.28	1.05
595-HD3SS3411IRWAT	HD3SS3411IRWAT	WQFN-14	8	1	-	-	0.5	1	3	3.6	80	2.29	2.05	1.65	1.36
595-HD3SS3411TRWARQ1	HD3SS3411TRWARQ1	WQFN-14	8	1	-	-	0.5	1	3	3.6	80	2.35	2.11	1.69	1.39
595-TSU6111ARSVR	TSU6111ARSVR	QFN-16	8	-	200	200	2	2	1.65	3.6	-	1.39	1.24	.973	.804
595-HD3SS6126RUAR	HD3SS6126RUAR	WQFN-42	8	-	250	250	0.2	1.15	3	3.6	85	2.78	2.5	2.05	1.74
595-TS3USB31ERSER	TS3USB31ERSER	UQFN-8	10	2	25	30	0.35	2	2.25	4.3	0.25	1.03	.929	.725	.599
595-TS5USBA224RSWR	TS5USBA224RSWR	UQFN-10	43	50	1000	4000	0.3	1.5	2.7	5.5	-	1.12	.96	.737	.652
Evaluation Modules		Description												Price Each	
595-HD3SS3411RWAEVM	HD3SS3411RWAEVM	Evaluation Module for HD3SS3411, USB 3.1 Mux/Demux Switch												299.00	
595-HD3SS6126EVM	HD3SS6126EVM	Evaluation Module for the HD3SS6126, USB 3.0 Differential Switch 2:1/1:2 MUX/DEMUX												99.00	
595-TS3USB221EEVM	TS3USB221EEVM	Evaluation Module for the TS3USB221E, a high-speed USB switch												29.00	

USB Hub Controllers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Supply Voltage (Max.) (V)	No. of USB Ports	USB Speed	I2C	Price Each 1	Price Each 10	Price Each 100	Price Each 500
595-TUSB211IRWBR	TUSB211IRWBR	X2QFN-12	3.3	1	Full	No	3.69	3.32	2.72	2.31
595-TUSB211QRWBRQ1	TUSB211QRWBRQ1	X2QFN-12	3.3	1	High	No	4.36	3.91	3.21	2.73
595-TUSB4020BIPHP	TUSB4020BIPHP	HTQFP-48	3.3	2	High	Yes	5.15	4.62	3.79	3.22
595-TUSB4041IPAP	TUSB4041IPAP	HTQFP-64	3.3	4	High	Yes	6.29	5.68	4.71	4.10
595-TUSB4041IPAPR	TUSB4041IPAPR	HTQFP-64	3.3	4	High	Yes	5.84	5.24	4.30	3.66
595-HD3SS3220IRNHT	HD3SS3220IRNHT	VQFN-30	5	1	Super	Yes	4.62	4.15	3.40	2.89
595-HD3SS3220RNHT	HD3SS3220RNHT	WQFN-30	5	1	Super	Yes	4.25	3.82	3.13	2.66
595-TUSB320HAIRWBR	TUSB320HAIRWBR	X2QFN-12	5	1	High	Yes	1.85	1.67	1.34	1.10
595-TUSB320HIRWBR	TUSB320HIRWBR	X2QFN-12	5	1	High	Yes	1.85	1.67	1.34	1.10
595-TUSB320IRWBR	TUSB320IRWBR	X2QFN-12	5	1	Full	Yes	1.85	1.67	1.34	1.10
595-TUSB320LAIRWBR	TUSB320LAIRWBR	X2QFN-12	5	1	High	Yes	1.85	1.67	1.34	1.10
595-TUSB320LIRWBR	TUSB320LIRWBR	X2QFN-12	5	1	High	Yes	1.85	1.67	1.34	1.10
595-TUSB320RWBR	TUSB320RWBR	X2QFN-12	5	1	High	Yes	1.85	1.67	1.34	1.10
595-TUSB321RWBR	TUSB321RWBR	X2QFN-12	5	1	Super	No	2.25	2.02	1.62	1.33
Evaluation Modules	Description								Price Each	
595-TUSB320-HA-EVM	TUSB320-HA-EVM	Evaluation Module for TUSB320HAI, USB Type-C™ Configuration Channel Logic & Port Control							75.00	
595-TUSB320-LA-EVM	TUSB320-LA-EVM	Evaluation Module for TUSB320LAI, USB Type-C™ Configuration Channel Logic & Port Control							75.00	
595-TUSB320EVM	TUSB320EVM	Evaluation Module for TUSB320, USB Type-C™ Configuration Channel Logic & Port Control							99.00	
595-TUSB4020BPHPEVM	TUSB4020BPHPEVM	Evaluation Module for TUSB4020B, Two-Port High-Speed USB 2.0 Hub							249.00	
595-TUSB4041PAPEVM	TUSB4041PAPEVM	Evaluation Module for TUSB4041, Two-Port High-Speed USB 2.0 Hub							199.00	

USB Transceivers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	USB Speed	ESD	Supply Voltage V_{CC} (Nom.)	Operating Temperature Range (°C)	Price Each 1	Price Each 10	Price Each 100	Price Each 500
595-TUSB1105RGTR	TUSB1105RGTR	QFN-16	Full, Low	±15kV	±9.0	-40 to +85	1.63	1.46	1.13	.941
595-TUSB1210BRHBT	TUSB1210BRHBT	QFN-32	High	±2kV	5.0	-40 to +85	2.44	2.19	1.76	1.44
595-TUSB1310AZAY	TUSB1310AZAY	NFBGA-175	Super	±0.5kV	3.3, 1.8, 1.1	-40 to +85	13.09	12.03	10.16	9.04

Redriver/Repeater

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	No. of Channels	Supply Voltage (Max.) (V)	Power Consumption (Typ.) (mW)	IN SigCon	OUT SigCon	Input Compatibility	Operating Temperature (°C)	Price Each 1	Price Each 10	Price Each 100	Price Each 500
595-TUSB551RWBR	TUSB551RWBR	QFN-12x2	1	1.8	130	EQ	DE	USB 3.0	-40 to 85	3.57	3.21	2.63	2.24
595-DS280BR810ZBFT	DS280BR810ZBFT	NFBGA-135	8	2.8	93	-	-	CML	-40 to 85	41.07	38.32	33.27	30.52
595-DS125BR800ANJYT	DS125BR800ANJYT	WQFN-54	8	3.3	65	EQ	DE	AC-Coupled CML	-40 to 125	16.19	14.88	12.57	11.18
595-DS125BR820NJYT	DS125BR820NJYT	WQFN-54	8	3.3	70	EQ	DE	AC-Coupled CML	-40 to 85	18.48	16.98	14.34	12.76
Evaluation Modules	Description											Price Each	
595-DS125BR111EVM	DS125BR111EVM	DS125BR111, 10 GbE, PCIe, SAS/SATA Evaluation Kit										499.00	
595-DS125BR800AEVM	DS125BR800AEVM	12.5 Gbps, 8-Ch Repeater with Input CTLE and Output De-emphasis Evaluation Kit										499.00	
595-DS125BR820EVM	DS125BR820EVM	12.5 Gbps, 8-Ch, Repeater with Equalization Evaluation Module										399.00	
595-DS64BR111EVKNOPB	DS64BR111EVK/NOPB	DS64BR111, SMA Evaluation Kit Provides a Complete High Bandwidth Platform to Evaluate the SAS/SATA Signal Conditioning										399.00	

Ethernet Transceivers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Function	Data Rate	Ports	Interface	Supply Voltage (V)	JTAG 11.49.1	Operating Temperature Range (°C)	Price Each 1	Price Each 10	Price Each 100	Price Each 500
595-TLK10031CTR	TLK10031CTR	FCBGA-144	PHY	5/10	1	1GBase-KX, 10GBase-KR	1.05	Yes	-40 to +85	26.05	24.03	20.52	18.63
926-DP83865DVH/NOPB	DP83865DVH/NOPB	PQFP-128	PHY	10/100	1	MII/GMII/RGMII	1.8	Yes	0 to +70	21.53	19.86	16.96	15.40
595-DP83867ERGZT	DP83867ERGZT	QFN-48	PHY	10/100/1	1	RGMII, SGMII	2.6	Yes	-40 to +105	18.16	16.70	14.10	12.54
926-DP83640TVV/NOPB	DP83640TVV/NOPB	LQFP-48	PHY	10/100	1	MII/RMII	3.3	No	-40 to +85	10.66	9.63	7.97	6.94
926-DP83848CVV/NOPB	DP83848CVV/NOPB	LQFP-48	PHY	10/100	1	MII/RMII/SNI	3.3	Yes	-40 to +85	5.12	4.60	3.77	3.21
926-DP83848CVVX/NOPB	DP83848CVVX/NOPB	LQFP-48	PHY	10/100	1	MII/RMII/SNI	3.3	Yes	-40 to +85	5.12	4.60	3.77	3.21
926-DP83848IVV/NOPB	DP83848IVV/NOPB	LQFP-48	PHY	10/100	1	MII/RMII/SNI	3.3	Yes	-40 to +85	5.24	4.71	3.86	3.28
926-DP83848IVVX/NOPB	DP83848IVVX/NOPB	LQFP	PHY	10/100	1	MII/RMII/SNI	3.3	Yes	-40 to +85	5.24	4.71	3.86	3.28
926-DP83848JSQ/NOPB	DP83848JSQ/NOPB	LLP-40	PHY	10/100	1	MII/RMII	3.3	No	0 to +70	2.12	1.90	1.53	1.26
926-DP83848KSQ/NOPB	DP83848KSQ/NOPB	LLP-40	PHY	10/100	1	MII/RMII	3.3	No	-40 to +85	2.52	2.26	1.82	1.49
926-DP83848MSQ/NOPB	DP83848MSQ/NOPB	LLP-40	PHY	10/100	1	MII/RMII	3.3	No	0 to +70	2.12	1.90	1.53	1.26
926-DP83848TSQ/NOPB	DP83848TSQ/NOPB	LLP-40	PHY	10/100	1	MII/RMII	3.3	No	-40 to +85	2.52	2.26	1.82	1.49
926-DP83848VYB/NOPB	DP83848VYB/NOPB	LQFP-48	PHY	10/100	1	MII/RMII/SNI	3.3	No	-40 to +105	24.66	22.74	19.42	17.63
595-TLK110PT	TLK110PT	QFP-48	PHY	10/100	1	MII/RMII	3.3	Yes	-40 to +85	6.36	5.74	4.75	4.14
595-TLK111PT	TLK111PT	LQFP-48	PHY	10/100	1	MII/RMII	3.3	Yes	-40 to +85	9.61	8.68	7.19	5.05
926-DP83849IVS/NOPB	DP83849IVS/NOPB	TQFP-80	PHY	10/100	2	MII/RMII/SNI	3.3	Yes	-40 to +85	9.66	8.72	7.22	6.29
Demonstration Board	Description											Price Each	
926-DP83630-EVK/NOPB	DP83630-EVK/NOPB	DP83630 Ethernet Physical Layer Transceiver Demo Board										149.00	

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