

TEXAS INSTRUMENTS Analog ICs



RoHS Compliant This product is RoHS compliant.

INTERFACE USB (CONT.)

USB Switches

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI 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}		t _{pd} (Max.)	Price Each							
									Min.	Max.		1	25	100	250				
595-TS3USB31ERSER	TS3USB31ERSER	UQFN-8	10	2	25	30	0.35	2	2.25	4.3	0.25	1.17	.924	.831	.783				
595-TS3USB221DRCR	TS3USB221DRCR	SON-10	6	2	12	30	0.2	1	2.3	3.6	0.25	1.72	1.54	1.39	1.20				
595-TS3USBA225RUTR	TS3USBA225RUTR	QFN-12	7.5	±1000	20	60	0.1	1	2.7	4.3	0.25	1.95	1.63	1.30	.91				
595-TS5USBA224RSWR	TS5USBA224RSWR	UQFN-10	4, 3	50	1000	4000	0.3	1.5	2.7	5.5	-	2.07	1.62	1.45	1.20				
595-TSU5511YZPR	TSU5511YZPR	DSBGA-20	0.5	25	75000	120	1.5	0.5	2.8	4.4	-	3.11	2.40	2.17	1.80				
595-TSU6111ARSVR	TSU6111ARSVR	QFN-16	8	-	200	200	2	2	1.65	3.6	-	2.25	1.88	1.50	1.05				
595-TSU6111RSVR	TSU6111RSVR	QFN-16	8	45	3500	95000	2	0.5	-0.5	28	-	2.25	1.88	1.50	1.05				
595-TSU5611YZPR	TSU5611YZPR	DSBGA-20	10	25	75000	120	1.5	1.5	2.8	4.4	-	2.70	2.25	1.80	1.26				
595-TSU6712YFPRB	TSU6712YFPRB	DSBGA-25	2	45	110	45000	0.5	0.2	3	4.4	-	3.15	2.56	2.15	1.94				
Evaluation Modules												Description				Price Each			
595-TS3USB221EEVM	TS3USB221EEVM	Evaluation Module for the TS3USB221E, a high-speed USB switch.										32.72							
595-TS3USB221EVM	TS3USB221EVM	Evaluation Module for the TS3USB221, a high-speed USB switch.										32.72							

USB Transceiver

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	USB Speed	ESD	Supply Voltage V _{CC} (Nom.)	Operating Temperature Range (°C)	Price Each			
							1	25	100	250
595-TUSB1105RGTR	TUSB1105RGTR	QFN-16	Full, Low	±15kV	±9	-40 to +85	1.90	1.46	1.33	1.19
595-TUSB1210BRHBT	TUSB1210BRHBT	QFN-32	High	±2kV	5.0	-40 to +85	3.15	2.43	2.20	1.58
595-TUSB1310AZAY	TUSB1310AZAY	NFBGA-175	Super	±0.5kV	3.3, 1.8, 1.1	-40 to +85	12.77	12.21	9.17	8.98
595-TUSB1310ZAY	TUSB1310ZAY	NFBGA-175	Super	±0.5kV	3.3, 1.8, 1.1	-40 to +85	11.61	11.10	8.50	8.33

Ethernet Transceivers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Function	Data Rate	Ports	Interface	Supply Voltage (V)	JTAG	Operating Temperature (°C)	Price Each			
										1	25	100	250
595-TLK10002CTR	TLK10002CTR	BGA-144	PHY	8/10	2	MDIO	2.2	Yes	-40 to +85	55.88	54.33	52.78	51.30
595-TLK2226ZEA	TLK2226ZEA	BGA-196	PHY	8/10	6	MDIO	1.9	Yes	0 to +70	29.41	28.59	27.78	26.99
595-TLK110PT	TLK110PT	QFP-48	PHY	10/100	1	MII/RMII	3.3	Yes	-40 to +85	8.25	5.94	4.95	4.29

LAN NETWORK SWITCHES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	No. of Bits	I _L OFF (Max.)	R _{ON} (Max.) (Ω)	OFF Time (Max.)	ON Time (Max.)	R _{ON} Flatness (Typ.) (Ω)	V _{CC} (Max.)	V _{CC} (Min.)	I _{CC} (μA)	Price Each			
												1	25	100	250
595-TS3L501ERUAR	TS3L501ERUAR	WQFN-42	8	±1	4	150	150	0.5	3	3.6	600	3.11	2.40	2.17	1.80
595-TS3DDR3812RUAR	TS3DDR3812RUAR	WQFN-42	12	1000	8	5	8	1.5	3	3.6	550	4.75	3.80	3.04	2.53
595-TS3L500RHURG4	TS3L500RHURG4	WQFN-56	16	±1	6	4	8	0.5	3	3.6	500	2.52	2.03	1.84	1.67
595-TS3L301DGVR	TS3L301DGVR	SOP-48	16	1	8	4	10.9	4	3.6	3	600	3.09	2.78	2.46	2.22

ANALOG SWITCHES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	R _{ON} (Max.) (Ω)	I _L OFF (Max.)	OFF Time (Max.)	ON Time (Max.)	Voltage Nodes	R _{ON} Flatness (Max.) (Ω)	V _{CC}		I _{CC} (μA)	Price Each							
									Max.	Min.		1	25	100	250				
1 x SPST																			
595-TS5A3166DBVR	TS5A3166DBVR	SOT-23-5	0.9	±5000	11.5	7	5, 3, 3, 2.5, 1.8	0.15	5.5	1.65	0.1	.57	.352	.307	.264				
595-TS5A3166DCKR	TS5A3166DCKR	SC70-5	0.9	±5000	11.5	7	5, 3, 3, 2.5, 1.8	0.15	5.5	1.65	0.1	.57	.352	.307	.264				
595-TS5A3166YZPR	TS5A3166YZPR	WCSF-5	0.9	±5000	11.5	7	5, 3, 3, 2.5, 1.8	0.15	5.5	1.65	0.1	.74	.52	.446	.385				
595-TS5A3167DBVR	TS5A3167DBVR	SOT-23-5	0.9	±5000	11.5	7	5, 3, 3, 2.5, 1.8	0.15	5.5	1.65	0.1	.57	.352	.307	.264				
595-TS5A3167DCKR	TS5A3167DCKR	SC70-5	0.9	±5000	11.5	7	5, 3, 3, 2.5, 1.8	0.15	5.5	1.65	0.1	.57	.352	.307	.264				
595-TS5A1066YZPR	TS5A1066YZPR	WCSF-5	10	±200	4.5	5.5	5, 3, 3, 2.5, 1.8	5	5.5	1.65	0.1	.65	.448	.389	.337				
1 X SPDT																			
595-TS5A3159DBVR	TS5A3159DBVR	SOT-23-6	1.1	±1000	15	20	5, 3, 3, 2.5, 1.8	0.15	5.5	1.65	0.1	.83	.66	.586	.537				
595-TS5A3159DBVT	TS5A3159DBVT	SOT-23-6	1.1	±1000	15	20	5, 3, 3, 2.5, 1.8	0.15	5.5	1.65	0.1	1.20	1.00	.80	.60				
595-TS5A3159DCKR	TS5A3159DCKR	SC70-6	1.1	±1000	15	20	5, 3, 3, 2.5, 1.8	0.15	5.5	1.65	0.1	.83	.66	.586	.537				
595-TS5A3159DCKT	TS5A3159DCKT	SC70-6	1.1	±1000	15	20	5, 3, 3, 2.5, 1.8	0.15	5.5	1.65	0.1	1.05	.88	.80	.697				
595-TS5A2053DCTR	TS5A2053DCTR	SM8-8	7.5	±10	4.1	6.8	5, 3, 3, 2.5, 1.8	1.7	5.5	1.65	0.1	.50	.378	.336	.291				
595-TS5A2053DCUR	TS5A2053DCUR	US8-8	7.5	±10	4.1	6.8	5, 3, 3, 2.5, 1.8	1.7	5.5	1.65	0.1	.65	.50	.444	.385				
595-TS12A12511DCNR	TS12A12511DCNR	SOT-23	8	50	56	115	5, 3, 3, 2.5, 1.2	2.2	12	2.7	-	1.90	1.46	1.33	1.19				
595-TS12A12511DRJR	TS12A12511DRJR	SON-8	8	50	56	115	12, 5, 3, 3	2.2	12	2.7	-	1.67	1.28	1.17	1.04				
1 X SP3T																			
595-TS5A3359DCUR	TS5A3359DCUR	US8-8	0.9	-	10.5	21	5, 3, 3, 2.5, 1.8	0.25	5.5	1.65	2	1.08	.85	.773	.673				
2 X SPST																			
595-TS5A23166DCUR	TS5A23166DCUR	US8-8	0.9	±10000	13	9	5, 3, 3, 2.5, 1.8	0.25	5.5	1.65	0.15	1.04	.80	.711	.616				
2 X SPDT																			
595-TS3A26746EYZPR	TS3A26746EYZPR	DSBGA-6	0.08	0.5	5	150	1.8	2.3	3.6	3.0	-	1.33	1.05	.945	.822				
595-TS3A225EYFFR	TS3A225EYFFR	DSBGA-16	0.1	1000	-	-	1.8	0.1	4.5	2.7	-	.92	.80	.727	.64				
595-TS3A4741DCNR	TS3A4741DCNR	SOT-23	0.9	-	10	14	1.8, 2.5, 3.0, 3.3	0.4	3.6	1.65	0.75	.98	.774	.704	.567				
595-TS5A22366YFCR	TS5A22366YFCR	DSBGA-12	1.8	-	325	374	2.5, 3.0, 3.3, 5.0	0.37	5.5	2.25	7	1.43	1.13	1.02	888				
595-TS3DS2622YZTR	TS3DS2622YZTR	BGA-12	6	-	5	11.5	2.5, 3.0, 3.3	4	2.3	3.6	0.5	1.54	1.24	1.13	1.02				
595-TS5A23157DGSR	TS5A23157DGSR	MSOP-10	10	±1000	3.8	5.7	5, 3, 3, 2.5, 1.8	4	5.5	1.65	10	.87	.677	.60	.52				
595-TS3A225ERTER	TS3A225ERTER	WQFN-16	10	1000	1	1	1.8	0.1	2.7	4.5	5	1.00	.80	.72	.64				
4 X SPDT																			
595-TS3A5018DBQRG4	TS3A5018DBQRG4	SSOP-16	10	10000	6.5	8	2.5, 3.0, 3.3	7	2.3	3.6	10	.86	.67	.54	.398				
4 X SPST																			
595-TS3A4751PWR	TS3A4751PWR	TSSOP-14	0.9	±2.5	25	30	3, 2.5, 1.8	0.1	3.6	1.6	1	1.32	1.03	.932	.881				
Digital Bus Exchange/Multiplexing																			
595-TS5V522CDBQR	TS5V522CDBQR	SSOP-24	10	1	6	6.6	4, 3, 3, 2.5, 1.8, 1.5, 1.2, 0.8	3	7	-0.5	3	.77	.59	.528	.352				
595-TS5V522CPWR	TS5V522CPWR	TSSOP-24	10	1	3	3	4, 3, 3, 2.5, 1.8, 1.5, 1.2, 0.8	3	5.5	4	3	.64	.49	.432	.32				
Evaluation Modules												Description				Price Each			
595-TX810EVM	TX810EVM	Evaluation Module for the TX810, an 8-channel, current-programmable, low-noise, transmit/receive switch										224.50							

VIDEO SWITCHES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	V _{CC}		No. of Bits	R _{ON} (Max.) (Ω)	I _{CC} (μA)	t _{pd} (Max.) (ns)	Price Each			
			Min.	Max.					1	25	100	250
595-TS3V713ELRTGR	TS3V713ELRTGR	QFN-32	3	5.5	7	4	200	0.25	3.69	3.01	2.87	2.59
595-TS3DV20812RHHR	TS3DV20812RHHR	QFN-36	-0.5	4.6	8	5	500	0.149	2.07	1.60	1.45	1.20
595-TS3DV520RHUR	TS3DV520RHUR	WQFN-56	3	3.6	20	6	500	0.25	2.50	2.05	1.85	1.70
595-TS3DV621RUAR	TS3DV621RUAR	WQFN-42	3	3.6	12	12	300	0.4	2.66	2.12	1.93	1.70

INTEGRATED FILTERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	No. of Channels	V _S (Min.) (V)	V _S (Max.) (V)	I _O (Typ.) (mA)	Diff Gain (%)	Diff Phase (°)	Gain (dB)	No. of Filter Poles	Filter-3dB Freq. (Typ.) (MHz)	Bypass BW (Typ.) (MHz)	Price Each			
													1	25	100	250
595-THS73721PW	THS73721PW	TSSOP-14	4	2.7	5.5	90	0.35	0.5	6	6	9.5, 72	8.2	2.32	2.12	1.68	1.58
595-THS73601PW	THS73601PW	TSSOP-20	6	2.6	5.5	80	0.15	0.35	15, 13	6	9.2, 17, 35, 70	150, 300	2.49	2.28	1.58	1.52