

# TEXAS INSTRUMENTS Analog ICs



Products may be RoHS compliant.  
Check mouser.com for RoHS status.

## RS-485 (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Drivers Per Package	Receivers Per Package	Supply Voltage	ESD (kV)	Signaling Rate (Mbps)	ICC (Max) (mA)	Fail Safe	No. of Nodes	Price Each			
											1	25	100	250
595-SN75LBC176P	SN75LBC176P	PDIP-8	1	1	5	2	10	1.5	Open	32	2.28	2.10	1.50	1.48
595-SN75LBC176AD	SN75LBC176AD	SOIC-8	1	1	5	12	30	15	Open	32	2.58	2.36	1.89	1.64
595-SN75LBC179D	SN75LBC179D	SOIC-8	1	1	5	2	10	5	Open	32	2.28	2.10	1.50	1.48
595-SN75LBC180D	SN75LBC180D	SOIC-14	1	1	5	2	10	5	Open	32	2.58	2.36	1.89	1.64
595-SN75LBC184D	SN75LBC184D	SOIC-8	1	1	5	15	0.25	25	Open	128	3.44	3.15	2.52	2.19
595-SN75LBC184P	SN75LBC184P	PDIP-8	1	1	5	15	0.25	25	Open	128	3.44	3.15	2.52	2.19
595-SN65HVD08D	SN65HVD08D	SOIC-8	1	1	3.3, 5	16	10	16	Open, Short	256	4.80	4.38	3.51	3.05
595-SN65HVD1782DR	SN65HVD1782DR	SOIC-8	1	1	3.3, 5	16	10	6	Idle, Open, Short	64	5.93	4.84	4.10	3.70
595-SN75HVD08D	SN75HVD08D	SOIC-8	1	1	3.3, 5	16	10	16	Open, Short	256	4.43	4.05	3.24	2.82
595-SN65HVD1780DR	SN65HVD1780DR	SOIC-8	1	1	3.3, 5	16	0.115	6	Idle, Open, Short	320	5.48	4.48	4.02	3.42
595-SN65HVD1781DR	SN65HVD1781DR	SOIC-8	1	1	3.3, 5	16	1	6	Idle, Open, Short	320	5.48	4.48	4.02	3.42
595-SN75HVD08P	SN75HVD08P	PDIP-8	1	1	3.3, 5	16	10	16	Open, Short	256	4.43	4.05	3.24	2.82
595-SN751178N	SN751178N	PDIP-16	2	2	5	2	10	110	Open	32	2.75	2.22	2.00	1.77
595-SN65LBC174A16DW	SN65LBC174A16DW	SOIC-16	4	-	5	13	30	23	-	32	6.94	4.91	4.47	3.89
595-SN75LBC172ADW	SN75LBC172ADW	SOIC-20	4	-	5	13	30	23	-	32	5.66	3.99	3.64	3.16
595-SN75LBC172AN	SN75LBC172AN	PDIP-16	4	-	5	13	30	23	-	32	5.66	3.99	3.64	3.16
595-SN75LBC174N	SN75LBC174N	PDIP-16	4	-	5	2	10	7	-	32	5.40	4.34	3.68	3.34
595-SN75LBC184DR	SN75LBC184DR	SOIC-8	1	1	5	15	0.25	25	Open	128	2.70	2.16	1.68	1.59
595-SN65LBC173AD	SN65LBC173AD	SOIC-16	-	4	5	6	50	20	Open, Short	32	4.03	3.69	3.11	2.84
595-SN65LBC175D	SN65LBC175D	SOIC-16	-	4	5	2	10	20	Open	32	2.90	2.65	2.23	2.03
595-SN75LBC173AN	SN75LBC173AN	PDIP-16	-	4	5	6	50	20	Open, Short	32	4.23	3.39	2.71	2.36
595-SN75LBC175D	SN75LBC175D	SOIC-16	-	4	5	2	10	20	Open	32	3.05	2.45	1.96	1.70
595-SN75LBC175N	SN75LBC175N	PDIP-16	-	4	5	2	10	20	Open	32	3.01	2.42	1.93	1.69
595-SN75LBC175D	SN75LBC175D	SOIC-16	-	4	5	6	50	20	Open, Short	32	3.05	2.45	1.96	1.70
595-SN75LBC175N	SN75LBC175N	PDIP-16	-	4	5	6	50	20	Open, Short	32	3.01	2.42	1.93	1.69

## I/O EXPANDERS

• Frequency (Max.): 400kHz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Interrupt Output	Reset Input	Vcc (Min.) (V)	Vcc (Max.) (V)	#Of I/Os	Low Power	Config. Registers	5V Tolerant I/O	Push-Pull I/O Type	Open-Drain I/O Type	Price Each			
													1	25	100	250
595-TCA1116PWR	TCA1116PWR	TSSOP-24	Yes	Yes	1.65	5.5	2	No	Yes	Yes	Yes	Yes	3.30	2.75	2.00	1.54
595-TCA7408ZSR	TCA7408ZSR	uCSP-16	Yes	Yes	-0.3	6	2	Yes	No	No	Yes	Yes	2.55	2.13	1.70	1.19
595-TCA9554PWR	TCA9554PWR	TSSOP-16	Yes	Yes	1.65	5.5	8	No	Yes	Yes	Yes	Yes	2.49	1.91	1.74	1.42
595-TCA6408APWR	TCA6408APWR	TSSOP-16	Yes	Yes	1.65	5.5	8	Yes	Yes	Yes	Yes	Yes	2.59	2.00	1.81	1.50
595-PCA9554ADB	PCA9554ADB	SSOP-16	Yes	No	2.3	5.5	8	No	Yes	Yes	Yes	No	2.27	2.06	1.46	1.39
595-PCA9557DB	PCA9557DB	SSOP-16	No	Yes	2.3	5.5	8	Yes	Yes	Yes	Yes	Yes	2.27	2.06	1.53	1.45
595-PCA9557RGYR	PCA9557RGYR	QFN-16	No	Yes	2.3	5.5	8	Yes	Yes	Yes	Yes	Yes	3.11	2.40	2.17	1.80
595-PCF8574AN	PCF8574AN	PDIP-16	Yes	No	2.5	6.0	8	No	No	No	Yes	No	1.86	1.50	1.18	1.05
595-PCF8574ANE4	PCF8574ANE4	PDIP-16	Yes	No	2.5	6.0	8	No	No	No	Yes	No	1.35	1.20	.95	.88
595-PCF8574N	PCF8574N	PDIP-16	Yes	No	2.5	6.0	8	No	No	No	Yes	No	1.50	1.20	.90	.84
595-PCA9539RGER	PCA9539RGER	VQFN-24	Yes	Yes	2.3	5.5	16	Yes	Yes	Yes	Yes	Yes	3.09	2.78	2.46	2.22
595-PCF8575PW	PCF8575PW	TSSOP-24	Yes	No	2.5	5.5	16	No	No	No	Yes	No	2.17	1.97	1.45	1.40
595-TCA6416APWR	TCA6416APWR	TSSOP-24	Yes	Yes	1.65	5.5	16	Yes	Yes	Yes	Yes	No	2.62	2.01	1.83	1.49
595-TCA6424ARGJR	TCA6424ARGJR	UQFN-32	Yes	Yes	1.65	5.5	24	Yes	Yes	Yes	Yes	No	3.29	2.53	2.30	1.90

## I2C BUS REPEATERS/HUBS/EXTENDERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Inputs	Outputs	Vcc (Min/Max) (V)	5V Tol. I/O	Open-Drain I/O Type	Enable Pin	Description	Price Each			
										1	25	100	250
595-PCA9515ADGKT	PCA9515ADGKT	MSOP-8	1	2	2.3/3.6	Yes	Yes	Yes	Dual Bidirectional I2C-bus/SMB repeater	2.69	1.97	1.80	1.60
595-PCA9515BDGKR	PCA9515BDGKR	MSOP-8	1	2	2.3/3.6	Yes	Yes	Yes	Dual Bidirectional I2C-bus/SMB repeater	2.97	2.37	2.16	1.90
595-TCA9509DGKR	TCA9509DGKR	MSOP-8	1	1	2.7/5.5	No	Yes	Yes	Level translating I2C-bus/SMB repeater	1.80	1.50	1.20	.84
595-TCA9509RVHR	TCA9509RVHR	QFN-8	1	1	2.7/5.5	No	Yes	Yes	Level translating I2C-bus/SMB repeater	1.75	1.59	1.43	1.23

## I2C SPECIAL FUNCTION ICs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	No. of Outputs	tpd (Max.) (ns)	Vcc (Min.) (V)	Vcc (Max.) (V)	Max. Freq. (kHz)	Function	Enable Pin	5V Tolerant I/O	Push-Pull I/O Type	Open-Drain I/O Type	Price Each			
													1	25	100	250
595-PCA9548ADWG4	PCA9548ADWG4	SOIC-24	2	0.3	5.5	2.3	400	I2C/SMBus Multiplexer	No	Yes	Yes	Yes	3.28	2.77	2.42	2.11
595-PCA9306DCTT	PCA9306DCTT	SM8-8	2	1.5	0	5.5	400	Voltage Translator	Yes	Yes	No	Yes	1.67	1.28	1.17	1.04
595-PCA9306DCUT	PCA9306DCUT	US8-8	2	1.5	0	5.5	400	Voltage Translator	Yes	Yes	No	Yes	1.67	1.28	1.17	1.04
595-PCA9306DQER	PCA9306DQER	X2SON-8	2	1.5	0	5.5	400	Voltage Translator	Yes	Yes	No	Yes	.87	.686	.617	.581
595-PCA9306YZTR	PCA9306YZTR	DSBGA-8	2	1.5	0	5.5	400	Voltage Translator	Yes	Yes	No	Yes	.87	.686	.617	.581
595-TCA9406DCTR	TCA9406DCTR	SM8-8	2	2.4	1.65	3.6	1000	Voltage Translator	Yes	Yes	Yes	No	1.44	1.14	1.02	.893
595-TCA9406DCUR	TCA9406DCUR	US8-8	2	2.4	1.65	3.6	1000	Voltage Translator	Yes	Yes	Yes	No	1.33	1.12	.95	.57
595-PCA9545ADW	PCA9545ADW	SOIC-20	4	1	2.3	5.5	400	I2C/SMBus Multiplexer	No	Yes	No	Yes	2.83	2.58	2.06	1.79
595-TCA8418EYFPR	TCA8418EYFPR	DSBGA-25	18	120	-0.5	4.6	1000	Keypad Scan	No	No	No	Yes	3.55	2.90	2.46	2.22

## INTERFACE USB

### USB Hub Controllers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Supply Voltage	No. of USB Ports	USB Speed	I2C	Price Each			
							1	25	100	250
595-TUSB2036VF	TUSB2036VF	LQFP-32	3.3	2	Full	No	3.44	3.15	2.52	2.19
595-TUSB2036VFG4	TUSB2036VFG4	LQFP-32	3.3	2	Full	No	3.92	3.15	2.87	2.59
595-TUSB2136PM	TUSB2136PM	LQFP-64	3.3	2	Full	Yes	9.02	8.40	7.58	6.97
595-TUSB7320RKMT	TUSB7320RKMT	WQFN-100	3.3, 1.1	4	Super	No	10.13	7.29	6.08	5.40
595-TUSB2046BIVFRG4	TUSB2046BIVFRG4	LQFP-32	3.3	4	Full	No	3.33	2.71	2.44	2.32
595-TUSB2046BVF	TUSB2046BVF	LQFP-32	3.3	4	Full	No	3.57	3.26	2.61	2.27
595-TUSB2046BVF4	TUSB2046BVF4	LQFP-32	3.3	4	Full	No	4.01	3.22	2.93	2.68
595-TUSB2046BVF4R	TUSB2046BVF4R	LQFP-32	3.3	4	Full	No	3.55	2.90	2.46	2.22
595-TUSB7340RKMT	TUSB7340RKMT	WQFN-100	3.3, 1.1	4	Super	No	8.79	8.32	7.28	6.89
595-TUSB8040PPF	TUSB8040PPF	HTQFP-80	3.3, 1.1	4	Super	No	10.45	9.73	8.78	8.07
595-TUSB2077APT	TUSB2077APT	LQFP-48	3.3	7	Full	No	6.58	5.28	4.81	4.34

### Evaluation Modules

MOUSER STOCK NO.	TI Part No.	Description	Price Each
595-TUSB7320EVM	TUSB7320EVM	Demo Board that is a free-standing reference design for a two-port PCIe-based SuperSpeed USB Extensible Host Controller.	101.00
595-TUSB7340EVM	TUSB7340EVM	Demo Board that is a free-standing reference design for a four-port PCIe-based SuperSpeed USB Extensible Host Controller.	101.00

### USB Peripherals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	USB Speed	No. of Endpoints		Supply Voltage	MCU Speed (Max) (MIPs)	MCU Code Space (Kbytes)	GPIO Pins	Bulk Transfer	Price Each			
				IN	OUT						1	25	100	250
595-TUSB3410IVFG4	TUSB3410IVFG4	LQFP-32	Full	3	3	3.3	2	16	4	Yes	6.49	6.04	5.45	5.01
595-TUSB3410VF	TUSB3410VF	LQFP-32	Full	3	3	3.3	2	16	4	Yes	5.94	5.53	4.99	4.59
595-TUSB9260PVP	TUSB9260PVP	HTQFP-64	Super	5	5	3.3, 1.8, 1.1	75	64	12	-	6.60	6.15	5.55	5.10
595-TUSB9261PVP	TUSB9261PVP	HTQFP-64	Super	5	5	3.3, 1.1	75	64	12	-	6.05	5.63	5.08	4.67

### Demonstration Boards

MOUSER STOCK NO.	TI Part No.	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.	50.00

© Copyright 2012 Mouser Electronics

© Copyright 2012 Mouser Electronics

