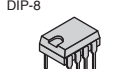
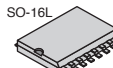
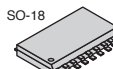
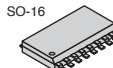
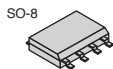


STMicroelectronics Timers and Data Transmission

Analog ICs

STMicroelectronics



STMICROELECTRONICS DATA TRANSMISSION

RS-232

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Supply Voltage (V)	# of Drivers	# of Rcvrs	Data Rate (Min/Typ) (kbps)	ICC (Typ) (mA)	Ext. Cap. (uF)	No.Of Ext. Cap.	ESD Protect	Temperature Range (°C)	Price Each		
												1	100	500
Surface Mount														
511-ST3222BD	ST3222BD	SO-18	3.0	2	2	----/250	0.3	0.1	4	----	-40 to +85	1.90	1.62	1.43
511-ST3222EBD	ST3222EBD	SO-18	3.0	2	2	----/250	0.3	0.1	4	15kV	-40 to +85	2.69	1.88	1.82
511-ST3232BD	ST3232BD	SO-16	3.0	2	2	----/250	0.3	0.1	4	----	-40 to +85	2.56	1.69	1.01
511-ST3232EBD	ST3232EBD	SO-16	3.0	2	2	----/250	0.3	0.1	4	15kV	-40 to +85	2.37	1.66	1.19
511-ST3232BT	ST3232BTR	TSSOP-16	3.0	2	2	----/250	0.3	0.1	4	----	-40 to +85	2.00	1.70	1.50
511-ST3232BW	ST3232BW	SO-16L	3.0	2	2	----/250	0.3	0.1	4	----	-40 to +85	2.00	1.70	1.50
511-ST3232CD	ST3232CD	SO-16	3.0	2	2	----/250	0.3	0.1	4	----	0 to +70	1.70	1.45	1.26
511-ST3232CT	ST3232CTR	TSSOP-16	3.0	2	2	----/250	0.3	0.1	4	----	0 to +70	1.70	1.45	1.28
511-ST3232CW	ST3232CW	SO-16L	3.0	2	2	----/250	0.3	0.1	4	----	0 to +70	1.70	1.45	1.28
511-ST3243EBD	ST3243EBD	SO-28	3.0	3	5	----/250	0.3	0.1	4	15kV	-40 to +85	2.32	1.97	1.61
511-ST3243ECT	ST3243ECTR	TSSOP-28	3.0	3	5	----/250	0.3	0.1	4	15kV	0 to +70	2.24	1.90	1.68
511-ST3237EBD	ST3237EBD	SO-28	3.0	5	3	----/250	0.5	0.1	4	15kV	-40 to +85	3.20	2.72	2.23
511-ST202BD	ST202BD	SO-16	5.0	2	2	----/400	1.5	0.1	4	----	-40 to +85	1.20	1.02	.89
511-ST202EBD	ST202EBD	SO-16	5.0	2	2	----/400	1.5	0.1	4	15kV	-40 to +85	1.58	1.05	.63
511-ST202EBW	ST202EBW	SO-16L	5.0	2	2	----/400	1.5	0.1	4	15kV	-40 to +85	1.30	1.11	.98
511-ST202ECD	ST202ECD	SO-16	5.0	2	2	----/400	1.5	0.1	4	15kV	0 to +70	1.30	1.11	.96
511-ST202ECW	ST202ECW	SO-16L	5.0	2	2	----/400	1.5	0.1	4	15kV	0 to +70	1.30	1.11	.96
511-ST232ABD	ST232ABD	SO-16	5.0	2	2	----/400	1.5	0.1	4	----	-40 to +85	1.10	.94	.81
511-ST232ABW	ST232ABW	SO-16L	5.0	2	2	----/400	1.5	0.1	4	----	-40 to +85	1.10	.94	.81
511-ST232ACD	ST232ACD	SO-16	5.0	2	2	----/400	1.5	0.1	4	----	0 to +70	1.76	1.17	.78
511-ST232ACW	ST232ACW	SO-16L	5.0	2	2	----/400	1.5	0.1	4	----	0 to +70	1.10	.94	.81
511-ST232BD	ST232BD	SO-16	5.0	2	2	----/400	1.5	0.1	4	----	-40 to +85	1.30	1.11	.96
511-ST232BW	ST232BW	SO-16L	5.0	2	2	----/400	1.5	0.1	4	----	-40 to +85	1.40	1.19	1.04
511-ST232CD	ST232CD	SO-16	5.0	2	2	----/400	1.5	0.1	4	----	0 to +70	1.30	1.11	.96
511-ST232CW	ST232CW	SO-16L	5.0	2	2	----/400	1.5	0.1	4	----	0 to +70	1.30	1.11	.96
511-ST232EBD	ST232EBD	SO-16	5.0	2	2	----/400	1.5	0.1	4	----	-40 to +85	1.30	1.11	.98
511-ST232ECD	ST232ECD	SO-16	5.0	2	2	----/400	1.5	0.1	4	----	0 to +70	1.30	1.11	.98
511-ST232EBW	ST232EBW	SO-16L	5.0	2	2	----/400	1.5	0.1	4	15kV	-40 to +85	1.30	1.11	.96
511-ST232ECW	ST232ECW	SO-16L	5.0	2	2	----/400	1.5	0.1	4	----	0 to +70	1.30	1.11	.96
511-ST75185CD	ST75185CD	SO-20	5.0	3	5	120/200	30	-----	-----	----	0 to +70	.85	.60	.60
511-ST207EAD	ST207EAD	SO-24	5.0	5	3	----/300	11	0.1	4	15kV	-40 to +125	2.40	2.04	1.80
511-ST207ECP	ST207ECPR	SSOP-24	5.0	5	3	----/300	11	0.1	4	15kV	0 to +70	1.70	1.45	1.28

Thru Hole

Thru Hole														
511-ST232EBN	ST3232EBN	DIP-16	3.0	2	2	-----/250	0.3	0.1	4	15kV	-40 to +85	2.60	2.21	1.95
511-ST202EBN	ST202EBN	DIP-16	5.0	2	2	-----/400	1.5	0.1	4	15kV	-40 to +85	1.61	1.08	.71
511-ST202ECN	ST202ECN	DIP-16	5.0	2	2	-----/400	1.5	0.1	4	15kV	0 to +70	1.30	1.11	.96
511-ST232ABN	ST232ABN	DIP-16	5.0	2	2	-----/400	1.5	0.1	4	-----	-40 to +85	1.39	.93	.61
511-ST232ACN	ST232ACN	DIP-16	5.0	2	2	-----/400	1.5	0.1	4	-----	0 to +70	1.76	1.17	.78
511-ST232BN	ST232BN	DIP-16	5.0	2	2	-----/400	1.5	0.1	4	-----	-40 to +85	1.30	1.11	.96
511-ST232CN	ST232CN	DIP-16	5.0	2	2	-----/400	1.5	0.1	4	-----	0 to +70	1.30	1.11	.96
511-ST75C185CN	ST75C185CN	DIP-20	5.0	3	5	120/230	0.95	-----	-----	10kV	0 to +70	1.02	.87	.77
511-ST232EBN	ST232EBN	DIP-16	5.0	5	5	-----/400	5	1	4	15kV	-40 to +85	1.99	1.33	.80
511-ST232ECN	ST232ECN	DIP-16	5.0	5	5	-----/400	5	1	4	15kV	0 to +70	1.30	1.11	.90

RS-422

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Supply Voltage (V)	# of Drivers	# of Rcvrs	Output State	ICC (Typ) (mA)	VOL (Min) (V)	VOL (Max) (V)	Prop.Delay In-out (typ)(ns)	Temperature Range (°C)	Price Each		
												1	100	500
Surface Mount														
511-ST26C31BD	ST26C31BD	SO-16	5.0	4	----	Tri-State	0.8	2.5	0.5	6	-40 to +85	.82	.63	.53
511-ST26C32ABD	ST26C32ABD	SO-16	5.0	----	4	Tri-State	16	3.8	0.3	6	-40 to +85	.82	.63	.53
Thru Hole														
511-ST26C31BN	ST26C31BN	DIP-16	5.0	4	----	Tri-State	0.8	2.5	0.5	6	-40 to +85	1.08	.65	.44
511-ST26C32ABN	ST26C32ABN	DIP-16	5.0	----	4	Tri-State	16	3.8	0.3	19	-40 to +85	1.08	.65	.44

RS-485

For quantities of 1000 and up, call for quote.

Surface Mount											For quantities of 1000 and up, call for quote				
511-ST485EBD	ST485EBD	SO-8	5.0	1	1	-----	0.3	3.5	0.4	30	-40 to +85	2.90	2.47	2.02	
511-ST485BD	ST485BD	SO-8	5.0	1	1	-----	0.3	3.5	0.4	30	-40 to +85	1.44	1.22	1.08	
511-ST485ERBD	ST485ERBD	SO-8	5.0	1	1	-----	0.3	3.5	0.4	30	-40 to +85	3.50	2.98	2.44	
511-ST485CD	ST485CD	SO-8	5.0	1	1	-----	0.3	3.5	0.4	30	0 to +70	1.90	1.62	1.43	
511-ST485ECD	ST485ECD	SO-8	5.0	1	1	-----	0.3	3.5	0.4	30	-40 to +85	2.60	2.21	1.95	
Thru Hole															
511-ST485EBN	ST485EBN	DIP-8	5.0	1	1	-----	0.3	3.5	0.4	30	-40 to +85	1.61	1.08	.71	
511-ST485BN	ST485BN	DIP-8	5.0	1	1	-----	0.3	3.5	0.4	30	-40 to +85	1.30	1.11	.98	
511-ST485CN	ST485CN	DIP-8	5.0	1	1	-----	0.3	3.5	0.4	30	0 to +70	1.90	1.62	1.43	
511-ST75C176BN	ST75C176BN	DIP-8	5.0	1	1	-----	0.4	-----	-----	30	-40 to +85	2.10	1.79	1.55	

LVDS (Low Voltage Differential Signaling)

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Supply Voltage (V)	# of Drivers	# of Rcvrs	Data Rate (Typ) (kpbs)	ICC (Max)(mA)		tPLH (Max) (ns)	tPHL (Max) (ns)	Temperature Range (°C)	Price Each		
							disabled	enabled				1	100	500
Surface Mount														
511-STLVD32BD	STLVD32BD	SO-16	3.3	-----	4	-----/400	1.5	18	2	2.5	-40 to +85	2.50	1.90	1.63

SCSI Terminator

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Voltage Relative To GND (V)	Term. Power		Power Down Curr(uA)	Out- put Volt (V)	Drop- out Volt (V)	Line Reg Max.(%)	Load Reg Max.(%)	Temp. Range (°C)	Price Each		
				Volt. Max.(V)	Curr. Max.(mA)							1	100	500
Surface Mount														
511-ST21S07ACW	ST21S07ACW	SO-16L	-1 to 7	5.5	250	150	2.85	0.75	2	3	0 to 70	2.52	2.14	1.89

USB

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Supply Voltage Range (V)	Output Curr.Limit Max.(A)	Quiescent Sup. Curr. Max.(uA)		Turn On Time (Typ)(uS)	TurnOff Time (Typ)(uS)	On-Resist. (Max.)		Temp. Range (°C)	Price Each		
					On	Off			4.5V	3.0V		1	100	500
Surface Mount														
511-ST2042BD	ST2042BD	SO-8	-0.3 to 6.0	1.3	20	40	120	----	145	----	-40 to +85	1.80	1.20	.80
511-ST2042BDR	ST2042BDR	SO-8	-0.3 to 6.0	1.3	20	40	120	----	145	----	-40 to +85	1.54	1.02	.68
511-ST2044BD	ST2044BD	SO-16	-0.3 to 6.0	1.3	20	40	120	----	145	----	-40 to +125	1.80	1.20	.80
511-ST2044BDR	ST2044BDR	SO-16	-0.3 to 6.0	1.3	20	40	120	----	145	----	-40 to +125	1.54	1.02	.68
511-ST2052BDR	ST2052BDR	SO-8	-0.3 to 6.0	1.3	20	40	120	----	145	----	-40 to +125	1.54	1.02	.68
511-ST2054BDR	ST2054BDR	SO-16	-0.3 to 6.0	1.3	20	40	120	----	145	----	-40 to +125	1.54	1.02	.68
511-ST890BD	ST890BD	SO-8	-0.5 to 6.0	1.2	25	1	25	2	120	130	-40 to +85	2.00	1.70	1.50
511-ST890CD	ST890CD	SO-8	-0.5 to 6.0	1.2	25	2	-----	120	-----	130	0 to +70	1.88	1.60	1.41