

STMicroelectronics Analog ICs



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

Analog ICs
STMicroelectronics

POWER LOGIC (STPIC SERIES)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Case Type	No. of Input Lines	Supply Voltage (Max.) (V)	Description	Price Each		
						1	10	100
Surface Mount								
511-STPIC6C595T	STPIC6C595TTR	TSSOP-16	1	5.5	Serial to Serial/Parallel	1.48	1.26	.972

DATA TRANSMISSION

◆ Surface Mount Device

RS-232

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Package Type	Supply Voltage (V)	No. of Drivers	No. of Receivers	Data Rate (Min./Typ.) (kbps)	ICC (Typ.) (mA)	Ext. Cap. (uF)	No. of Ext. Cap.	ESD Protect	Temp. Range (°C)	Price Each		
												1	10	100
◆ 511-ST3232BT	ST3232BTR	TSSOP-16	3.0	2	2	-/250	0.3	0.1	4	-	-40 to +85	.97	.778	.598
◆ 511-ST3232CT	ST3232CTR	TSSOP-16	3.0	2	2	-/250	0.3	0.1	4	-	0 to +70	.97	.778	.598
◆ 511-ST3232CDR	ST3232CDR	SO-16	3.0	2	2	-/400	0.3	0.1	4	-	0 to +70	.96	.775	.596
◆ 511-ST3232EB	ST3232EBTR	TSSOP-16	3.0	2	2	-/250	0.3	0.1	4	15kV	-40 to +85	1.14	.921	.707
◆ 511-ST3232CDR	ST3232CDR	SO-16	5.0	2	2	-/400	1.5	0.1	4	-	0 to +70	.63	.53	.342
◆ 511-ST3232EBDR	ST3232EBDR	SO-16	5.0	2	2	-/400	5	0.1	4	15kV	-40 to +85	1.01	.817	.628
◆ 511-ST3232ECD	ST3232ECDR	SO-16	5.0	2	2	-/400	5	0.1	4	15kV	0 to +70	.98	.789	.606
◆ 511-ST3485ECDR	ST3485ECDR	SO-8	7.0	1	1	-/250	0.3	0.1	4	15kV	0 to +70	1.88	1.52	1.21
◆ 511-ST3485EBDR	ST3485EBDR	SO-8	7.0	1	1	-/250	0.3	0.1	4	15kV	-40 to +85	1.76	1.42	1.13

RS-485

For quantities greater than listed, call for quote.

◆ 511-ST485CDR	ST485CDR	SO-8	5.0	1	1	-/-	0.3	3.5	0.4	-	0 to +70	.84	.701	.452
◆ 511-ST485EBDR	ST485EBDR	SO-8	5.0	1	1	-/-	0.3	3.5	0.4	15kV	-40 to +85	.98	.792	.608
◆ 511-ST3485EBDR	ST3485EBDR	SO-8	7.0	1	1	-/250	0.3	0.1	4	15kV	-40 to +85	1.76	1.42	1.13
◆ 511-ST3485ECDR	ST3485ECDR	SO-8	7.0	1	1	-/250	0.3	0.1	4	15kV	0 to +70	1.88	1.52	1.21

RS-422

For quantities greater than listed, call for quote.

◆ 511-ST26C31BDR	ST26C31BDR	SO-16	5.0	4	-	Tri-State	0.8	2.5	0.5	-	-40 to +85	.85	.707	.456
◆ 511-ST26C31B	ST26C31BTR	TSSOP-16	5.0	4	-	Tri-State	0.8	2.5	0.5	-	-40 to +85	.88	.708	.544

RS-422/RS-485

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Package Type	Supply Voltage (V)	No. of Drivers	No. of Receivers	Data Rate (Min./Typ.) (kbps)	ICC (Typ.) (mA)	Prop. Delay In-Out (Typ.) (ns)	ESD Protect	Temp. Range (°C)	Price Each		
											1	10	100
◆ 511-ST4485EBDR	ST4485EBDR	SO-8	3.6	1	1	20000/-	1.3	18	15kV	-40 to +105	2.34	1.88	1.51

DRIVERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Package Type	Description	Supply Voltage (V)	Supply Current (Typ./Max.) (mA)	Drivers Per Package	Propagation Delay Time (Typ./Max.) (ns)	Temp. Range (°C)	Price Each		
									1	10	100
◆ 511-L9825TR	L9825TR	PowerSO-20	Octal low-side driver for resistive & inductive loads	5.5	5	8	---	-40 to +150	3.70	3.15	2.73
◆ 511-E-L9826TR	E-L9826TR	SO-20	Octal low-side driver for resistive & inductive loads	7	.01	8	100	-65 to +150	2.67	2.27	1.82
◆ 511-L6506	L6506	DIP-18	Current controller for stepping motor	7	25	1	---	-40 to +150	3.26	2.77	2.40
◆ 511-L297	L297/1	DIP-20	Stepper motor controller driver	10	80	4	---	-40 to +150	9.24	8.32	6.84
◆ 511-L297D	L297D	SO-20	Stepper motor controller driver	10	80	4	---	-40 to +150	8.19	7.37	6.06
◆ 511-PM8834MTR	PM8834MTR	MSOP-8	Dual low-side driver	18	---	2	35	-40 to +105	1.76	1.50	1.20
◆ 511-L6391D	L6391D	SO-14	High-voltage high and low-side driver	20	0.15	1	200	-40 to +125	2.85	2.30	1.84
◆ 511-L6395DTR	L6395DTR	SO-8	High voltage high and low-side driver	20	0.35	1	200	-40 to +125	2.20	1.77	1.42
◆ 511-L9942XP1TR	L9942XP1TR	PowerSSO-24	Stepper motor controller driver	28	20	1	250	-40 to +150	4.26	3.62	3.14
◆ 511-E-L9637D	E-L9637D	SO-8	Monolithic IC bus driver ISO 9141 interface	36	0.5	1	---	-40 to +150	1.50	1.27	1.02
◆ 511-L293DD-TR	L293DD013TR	SO-12	Push-pull DTL/TTL comp. driver	36	1.2	4	---	-40 to +150	4.41	3.75	3.25
◆ 511-STGAP1S	STGAP1S	SO-24	Isolated gapDRIVE Single Gate Driver	36	7.5	1	130	-40 to +125	7.50	6.75	5.55
◆ 511-L6470H	L6470H	HTSSOP-28	Microstepping motor driver w/motion engine & SPI	45	0.65	2	---	-25 to +150	8.08	7.31	6.05
◆ 511-L6470PD	L6470PD	PowerSO-36	cSPIN Microstepping Motor Driver	45	0.65	1	---	-40 to +150	7.68	6.94	5.74
◆ 511-L6472H	L6472H	HTSSOP-28	Microstepping motor driver	45	0.65	2	---	-25 to +150	6.85	6.19	5.12
◆ 511-L6472PD	L6472PD	SO-36	Microstepping motor driver	45	0.65	2	---	-25 to +150	7.68	6.94	5.74
◆ 511-L6474PD	L6474PD	PowerSO-36	Microstepping motor driver	45	0.65	1	1000	-25 to +125	6.37	5.75	4.76
◆ 511-E-L6219DS013TR	E-L6219DS013TR	SO-24	Stepper motor driver	46	15	4	---	-20 to +85	3.35	2.70	2.46
◆ 511-E-L6219	L6219	PWRDIP-20+2+2	Stepper motor driver	46	15	1	---	-55 to +150	4.86	4.13	3.58
◆ 511-L6201PS	L6201PS	PowerSO-20	DMOS full bridge driver	48	4	1	400	-40 to +150	8.10	7.32	6.06
◆ 511-L6202	L6202	DIP-18	DMOS full bridge driver	48	1.5	1	400	-40 to +150	8.10	7.32	6.06
◆ 511-ETE3718DP	E-TEA3718DP	PWRDIP-12+2+2	Bipolar stepper motor driver	50	25	1	---	0 to +70	3.79	3.05	2.78
◆ 511-L298HN	L298HN	Multiwatt-15	Dual full bridge driver	50	4	2	---	-40 to +150	4.73	4.02	3.48
◆ 511-TDE1798DP	TDE1798DP	DIP-8	Intelligent switch driver	50	8	1	---	-25 to +85	6.25	5.02	4.58
◆ 511-L6201	L6201	SO-20	DMOS full bridge driver	52	5	1	---	-40 to +150	8.30	7.47	6.14
◆ 511-L6205PD	L6205PD	PowerSO-20	DMOS full bridge driver	52	2.8	1	400	-40 to +150	8.00	7.23	5.98
◆ 511-L6207PD	L6207PD	PowerSO-36	DMOS dual full bridge driver with PWM	52	2.8	2	400	-40 to +150	9.90	8.91	7.32
◆ 511-L6208N	L6208N	PDIP-24	DMOS driver for bipolar stepper motor	52	---	1	---	-40 to +150	8.89	8.04	6.65
◆ 511-L6208PD	L6208PD	PowerSO-36	DMOS driver for bipolar stepper motor	52	2800	2	---	-40 to +150	10.95	9.86	8.10
◆ 511-L6225DTR	L6225DTR	SO-20	DMOS dual full bridge driver	52	1.4	2	---	-40 to +150	5.62	4.52	4.11
◆ 511-L6234PD	L6234PD	PowerSO-20	Triple half bridge for motor driver	52	6.5	3	---	-40 to +150	6.49	5.87	4.85
◆ 511-L6235PD	L6235PD	PowerSO-36	DMOS driver for three-phase brushless DC motor	52	10	1	---	-40 to +150	8.70	7.83	6.44
◆ 511-L6235Q	L6235Q	QFN-48	DMOS driver for 3-phase brushless DC motor	52	5600	1	---	-40 to +150	6.44	5.17	4.71
◆ 511-L6480H	L6480H	HTSSOP-38	Microstepping motor driver	85	---	2	---	-25 to +125	6.06	5.48	4.53
◆ 511-L6482H	L6482H	HTSSOP-38	cSPIN Microstepping Motor Controller Driver	85	---	1	---	-40 to +150	6.06	5.48	4.53

TIMERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Package Type	Description	Supply Volt. (Max.) (V)	Supply Current (Max.) (mA)	Low Level Output Voltage (Typ./Max.) (V)	High Level Output Voltage (Typ./Max.) (V)	Output Rise Time (Typ./Max.) (ns)	Output Fall Time (Typ./Max.) (ns)	Price Each		
										1	10	100
511-STWD100PYW83F	STWD100PYW83F	SC-70-5	Single general purpose	5.5	0.026	0.3/0.7	2.2	5/-	5/-	.86	.716	.462

SUB-1GHZ TRANSCEIVER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Package Type	Supply Voltage (V)	Supply Current (Max.) (uA)	Operating Freq. (Max.) (MHz)	No. of Receivers	No. of Transmitters	Interface	Temp. Range (°C)	Price Each		
										1	10	100
511-SPIRIT1QTR	SPIRIT1QTR	QFN-20	1.8 to 3.6	400	10	1	1	SPI	-40 to +85	2.76	2.23	1.78