

STMICROELECTRONICS Power Management ICs



STMICROELECTRONICS DARLINGTON ARRAYS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Description	Output Voltage (V)	Output Leakage Current		Temperature Range (°C)	VCE (SAT)		Price Each		
					Max (uA)	VCE (V)		Max (V)	@IC (A)	1	100	500
Surface Mount												
511-ULN2004D1013TR	ULN2004D13TR	SO-16	Seven NPN darlington pairs	50	500	50	-20 to +85	1.6	0.35	.95	.56	.38
511-ULQ2003D1013TR	ULQ2003D13TR	SO-16	Seven NPN darlington pairs	50	50	50	-40 to +105	1.1	0.1	1.01	.67	.44
Thru Hole												
511-L603C	L603C	DIP-16	Eight NPN darlington pairs	90	10	90	-20 to +150	2	0.3	1.56	1.33	1.17
511-E-ULN2001A	E-ULN2001A	DIP-16	Seven NPN darlington pairs	50	50	50	-20 to +85	1.6	0.35	.61	.48	.38
511-E-ULN2002A	E-ULN2002A	DIP-16	Seven NPN darlington pairs	50	500	50	-20 to +85	1.6	0.35	.61	.48	.38
511-ULN2003A	ULN2003A	DIP-16	Seven NPN darlington pairs	50	50	50	-20 to +85	1.6	0.35	.48	.38	.34
511-E-ULN2004A	E-ULN2004A	DIP-16	Seven NPN darlington pairs	50	500	50	-20 to +85	1.6	0.35	.48	.38	.34
511-ULN2064B	ULN2064B	PWRDIP-12+2+2	Four NPN darlington switches	50	100	50	-20 to +85	1.4	1.25	2.19	1.71	1.52
511-ULN2065B	ULN2065B	PWRDIP-12+2+2	Four NPN darlington switches	80	100	80	-20 to +85	1.5	1.5	2.19	1.71	1.52
511-E-ULN2066B	E-ULN2066B	PWRDIP-12+2+2	Four NPN darlington switches	50	100	50	-20 to +85	1.4	1.25	2.19	1.71	1.52
511-E-ULN2067B	E-ULN2067B	PWRDIP-12+2+2	Four NPN darlington switches	80	100	80	-20 to +85	1.5	1.5	2.19	1.71	1.52
511-ULN2068B	ULN2068B	PWRDIP-12+2+2	Four NPN darlington switches	50	100	50	-20 to +85	1.4	1.25	2.19	1.71	1.52
511-E-ULN2069B	E-ULN2069B	PWRDIP-12+2+2	Four NPN darlington switches	80	100	80	-20 to +85	1.5	1.5	2.19	1.71	1.52
511-E-ULN2074B	E-ULN2074B	PWRDIP-12+2+2	Four NPN darlington switches	50	100	50	-20 to +85	1.4	1.25	2.19	1.71	1.52
511-E-ULN2075B	E-ULN2075B	PWRDIP-12+2+2	Four NPN darlington switches	80	100	80	-20 to +85	1.5	1.5	2.19	1.71	1.52
511-ULN2801A	ULN2801A	DIP-18	Eight NPN darlington pairs	50	50	50	-20 to +85	1.6	0.35	.56	.48	.42
511-ULN2802A	ULN2802A	DIP-18	Eight NPN darlington pairs	50	500	50	-20 to +85	1.6	0.35	.56	.48	.42
511-ULN2804A	ULN2804A	DIP-18	Eight NPN darlington pairs	50	500	50	-20 to +85	1.6	0.35	.56	.48	.42
511-E-ULQ2003A	E-ULQ2003A	DIP-16	Seven NPN darlington pairs	50	50	50	-40 to +105	1.1	0.1	.62	.49	.43
511-E-ULQ2004A	E-ULQ2004A	DIP-16	Seven NPN darlington pairs	50	500	50	-40 to +105	1.1	0.1	.78	.62	.49
511-E-ULQ2803A	E-ULQ2803A	DIP-18	Eight NPN darlington pairs	50	50	50	-40 to +105	1.1	0.1	1.16	.92	.72

STMICROELECTRONICS GENERAL PURPOSE VOLTAGE COMPARATORS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Single Dual Quad	Input Offset Voltage Max (mV)	Input Bias Current Max (nA)	Response Time Typ (ns)	Supply Currents		Operating Temperature Range (°C)	Price Each		
							Positive Typ/Max (mA)	Negative Typ/Max (mA)		1	100	500
Surface Mount												
511-LM211D	LM211D	SO-8	S	3	100	200	5.1/6.0	4.1/5.0	-40 to +105	.34	.29	.25
511-LM311D	LM311D	SO-8	S	7.5	250	200	5.1/7.5	4.1/5.0	-65 to +150	.26	.22	.17
Thru Hole												
511-LM211N	LM211N	DIP-8	S	3	100	200	5.1/6.0	4.1/5.0	-40 to +105	.31	.27	.24
511-LM311N	LM311N	DIP-8	S	7.5	250	200	5.1/7.5	4.1/5.0	-65 to +150	.23	.20	.18

STMICROELECTRONICS HIGH SPEED VOLTAGE COMPARATORS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Single Dual Quad	Input Offset Voltage Max (mV)	Input Bias Current Max (nA)	Response Time Typ (ns)	Supply Currents		Operating Temperature Range (°C)	Price Each		
							Positive Typ/Max (mA)	Negative Typ/Max (mA)		1	100	500
Surface Mount												
511-LM219D	LM219D	SO-14	D	4	500	80	8.0/11.5	3.0/4.5	-40 to +105	.97	.76	.67
511-LM319D	LM319D	SO-14	D	8	1000	80	8.0/12.5	3.0/5.0	0 to +70	.78	.61	.51
Thru Hole												
511-LM219N	LM219N	DIP-14	D	4	500	80	8.0/11.5	3.0/4.5	-40 to +105	1.50	1.17	1.04
511-LM319N	LM319N	DIP-14	D	8	1000	80	8.0/12.5	3.0/5.0	0 to +70	.53	.41	.37

STMICROELECTRONICS LOW POWER VOLTAGE COMPARATORS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Single Dual Quad	Input Offset Voltage Max (mV)	Input Bias Current Max (nA)	Response Time Typ (ns)	Supply Currents		Operating Temperature Range (°C)	Price Each		
							Positive Typ/Max (mA)	Negative Typ/Max (mA)		1	100	500
Surface Mount												
511-LM239AD	LM239AD	SO-14	Q	2	100	1300	1.3/2.5	----/----	-40 to +105	.34	.29	.26
511-LM339AD	LM339AD	SO-14	Q	2	100	1300	1.3/2.5	----/----	0 to +70	.40	.34	.26
511-LM239D	LM239D	SO-14	Q	5	250	1300	1.3/2.5	----/----	-40 to +105	.34	.29	.26
511-LM239P	LM239PT	TSSOP-14	Q	5	250	1300	1.3/2.5	----/----	-40 to +105	.31	.27	.24
511-LM339D	LM339D	SO-14	Q	5	250	1300	1.3/2.5	----/----	0 to +70	.26	.22	.17
511-LM339P	LM339PT	TSSOP-14	Q	5	250	1300	1.3/2.5	----/----	0 to +70	.23	.18	.16
511-TS3911L	TS3911LT	SOT-23-5L	S	5	250	1300	0.2/0.5	----/----	-40 to +125	.38	.32	.29
511-LM293ADT	LM293ADT	SO-8	D	5	250	1300	0.4/1.0	----/----	-40 to +105	.51	.40	.35
511-LM293D	LM293D	SO-8	D	5	250	1300	0.4/1.0	----/----	-40 to +105	.32	.27	.21
511-LM293S	LM293ST	MiniSO-8	D	5	250	1300	0.4/1.0	----/----	-40 to +105	.32	.27	.24
511-LM393ADT	LM393ADT	SO-8	D	5	250	1300	0.4/1.0	----/----	0 to +70	.46	.36	.32
511-LM393D	LM393D	SO-8	D	5	250	1300	0.4/1.0	----/----	0 to +70	.26	.22	.17
511-LM2901D	LM2901D	SO-14	Q	7	250	1300	1.1/2.0	----/----	-40 to +125	.32	.26	.21
511-LM2901P	LM2901PT	TSSOP-14	Q	7	250	1300	1.1/2.0	----/----	-40 to +125	.40	.34	.30
511-LM2903D	LM2903D	SO-8	D	7	250	1300	0.4/1.0	----/----	-40 to +125	.32	.26	.21
511-TS372CD	TS372CD	SO-8	D	10	0.15	600	0.3/0.75	----/----	0 to +70	.56	.48	.42
511-TS372ID	TS372ID	SO-8	D	10	0.15	600	0.3/0.75	----/----	-40 to +125	.70	.60	.53
511-TS374CD	TS374CD	SO-14	Q	10	0.15	600	0.6/1.0	----/----	0 to +70	.78	.66	.59
511-TS374ID	TS374ID	SO-14	Q	10	0.3	600	0.6/1.0	----/----	-40 to +125	.98	.86	.66
Thru Hole												
511-LM239AN	LM239AN	DIP-14	Q	2	100	1300	1.1/2.0	----/----	-40 to +105	.48	.41	.36
511-LM339AN	LM339AN	DIP-14	Q	2	100	1300	1.3/2.5	----/----	0 to +70	.25	.20	.18
511-LM239N	LM239N	DIP-14	Q	5	250	1300	1.3/2.5	----/----	-40 to +105	.31	.27	.24
511-LM339N	LM339N	DIP-14	Q	5	250	1300	1.3/2.5	----/----	0 to +70	.23	.20	.18
511-LM293N	LM293N	DIP-8	D	5	250	1300	0.4/1.0	----/----	-40 to +105	.29	.26	.23
511-LM393N	LM393N	DIP-8	D	5	250	1300	0.4/1.0	----/----	0 to +70	.23	.20	.18
511-LM2901N	LM2901N	DIP-14	Q	7	250	1300	1.1/2.0	----/----	-40 to +125	.21	.16	.14
511-LM2903N	LM2903N	DIP-8	D	7	250	1300	0.4/1.0	----/----	-40 to +125	.20	.15	.14
511-TS372CN	TS372CN	DIP-8	D	10	0.15	600	0.3/0.75	----/----	0 to +70	.56	.48	.42
511-TS374CN	TS374CN	DIP-14	Q	10	0.15	600	0.6/1.0	----/----	0 to +70	.78	.66	.59
511-TS372IN	TS372IN	DIP-8	D	10	0.3	600	0.3/0.75	----/----	-40 to +125	.68	.60	.53
511-TS374IN	TS374IN	DIP-14	Q	10	0.3	600	0.6/1.0	----/----	-40 to +125	1.02	.87	.66

