

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

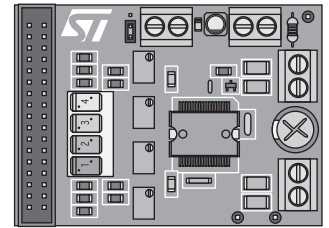
STMICROELECTRONICS DRIVERS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Description	Supply Voltage (V)	Supply Current Typ./Max (mA)	Drivers Per Pack.	Temperature Range (°C)	Price Each		
								1	10	100
Surface Mount										
511-E-L6219DS013TR	L6219DS013TR	SO-24	Stepper motor driver	10 to 46	8/15	4	-20 to +85	2.67	2.63	2.30
Thru-Hole										
511-TDA0161DP	TDA0161DP	DIP-8	Proximity detectors	4 to 35	10/12	1	-55 to +150	1.81	1.66	1.53
511-L6506	L6506	DIP-18	Current controller for stepping motor	4.5 to 7	---/25	1	-40 to +150	3.44	3.23	2.98
511-E-TEA3717DP	E-TEA3717DP	PWRDIP-12+2+2	Stepper motor driver	5	---/25	1	0 to +70	1.78	1.70	1.58
511-L297	L297/1	DIP-20	Stepper motor controller driver	10	---/80	4	-40 to +150	11.18	9.35	7.91
511-E-L6219	L6219	PWRDIP-20+2+2	Stepper motor driver	46	8/15	1	-55 to +150	2.28	2.24	1.96
511-E-PBL3717A	PBL3717A	PWRDIP-12+2+2	Bipolar stepper motor driver	50	---/1	1	0 to +70	1.64	1.55	1.43
511-L295	L295	Multiwatt-15	Dual switch-mode solenoid driver	50	---/2.5	2	-40 to +150	8.07	7.06	5.98
511-L294	L294	Multiwatt-11	Switch-mode solenoid driver	50	---/4	1	-40 to +150	5.34	4.32	3.51
511-L298HN	L298HN	Multiwatt-15	Dual full bridge driver	50	---/4	2	-40 to +150	4.44	3.99	3.20
511-TDE1767DP	TDE1767DP	DIP-8	Relay, lamp & stepping motor driver	50	5.8/8	1	-25 to +85	6.39	6.00	5.54
511-TDE1798DP	TDE1798DP	DIP-8	Intelligent switch driver	50	6.5/8	1	-25 to +85	7.23	5.55	4.94
511-L6208N	L6208N	PWRDIP-16+2+2	Bipolar stepper motor driver	52	---/10	2	-40 to +150	14.76	13.68	10.72

STMICROELECTRONICS DRIVER EVALUATION BOARDS

With these evaluation board you'll be able to evaluate these devices when driving a three phase brushless DC motor with three hall-effect sensors. Screw connectors provide connection to motor supply rail and 5V reference for the logic inputs, as well as the four outputs to motor windings. They can also be hooked-up to PractiSPIN interface board (EVALpractiSPIN) through a 34-pin connector. They can also be run also in stand-alone mode: four on board switches are used to select direction of the rotation, enable and disable braking or choosing to run in torque or speed mode.



MOUSER STOCK NO.	STM Part No.	Description	Price Each
511-EVAL6206PD	EVAL6206PD	For L6209PD full bridge driver	32.50
511-EVAL6208PD	EVAL6208PD	For L6208PD stepper motor driver	32.50
511-EVAL6235N	EVAL6235N	For L6235N three-phase brushless DC motor driver	26.00

STMICROELECTRONICS TIMERS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Description	Sup. Volt. Max. (V)	Supply Current Max. (mA)	Low Level Output Voltage Typ/Max(V)	High Level Output Voltage Typ. (V)	Output Rise Time Typ/Max(ns)	Output Fall Time Typ/Max(ns)	Price Each		
										1	10	100
Surface Mount												
511-TS555CD	TS555CD	SO-8	Single CMOS low power	18	0.2	0.1/0.3	1.9	25/----	20/----	.57	.46	.35
511-TS555IP	TS555IPT	TSSOP-8	Single CMOS low power	18	0.2	0.1/0.3	1.9	25/----	20/----	.77	.577	.467
511-TS555ID	TS555ID	SO-8	Single CMOS low power	18	0.2	0.1/0.3	1.9	25/----	20/----	.59	.524	.403
511-SA555D	SA555D	SO-8	Single general purpose	18	6	0.1/0.25	12.5	100/300	100/300	.54	.43	.33
511-NE555D	NE555D	SO-8	Single general purpose	18	15	0.1/0.25	12.5	100/300	100/300	.43	.374	.253
511-TS556CD	TS556CD	SO-14	Dual CMOS low power	18	0.4	0.1/0.3	1.9	25/----	20/----	.81	.54	.459
511-TS556ID	TS556ID	SO-14	Dual CMOS low power	18	0.4	0.1/0.3	1.9	25/----	20/----	.78	.67	.58
511-NE556D	NE556D	SO-14	Dual general purpose	18	30	0.1/0.25	12.5	100/300	100/300	.52	.41	.31
Thru Hole												
511-TS555CN	TS555CN	DIP-8	Single CMOS low power	18	0.2	0.1/0.3	1.9	25/----	20/----	.64	.545	.433
511-TS555IN	TS555IN	DIP-8	Single CMOS low power	18	0.2	0.1/0.3	1.9	25/----	20/----	.57	.45	.40
511-SA555N	SA555N	DIP-8	Single general purpose	18	6	0.1/0.25	12.5	100/300	100/300	.61	.48	.42
511-NE555N	NE555N	DIP-8	Single general purpose	18	15	0.1/0.25	12.5	100/300	100/300	.47	.342	.24
511-TS556CN	TS556CN	DIP-14	Dual CMOS low power	18	0.4	0.1/0.3	1.9	25/----	20/----	.87	.74	.612
511-TS556IN	TS556IN	DIP-14	Dual CMOS low power	18	0.4	0.1/0.3	1.9	25/----	20/----	.86	.65	.525
511-SA556N	SA556N	DIP-14	Dual general purpose	18	12	0.1/0.25	12.5	100/300	100/300	.85	.68	.513
511-NE556	NE556N	DIP-14	Dual general purpose	18	30	0.1/0.25	12.5	100/300	100/300	.50	.449	.321