

# STMicroelectronics Analog ICs

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Life-Augmented

◆ Surface Mount Device

For quantities greater than listed, call for quote.

Analog ICs

STMicroelectronics

## HIGH SIDE DRIVERS

MOUSER STOCK NO.	STMicroelectronics Part No.	Package	Operating Supply Voltage (V)	DC Supply Voltage (V)	Static Drain-Source On State Resistance (Max.) (Ω)	DC Output Current (A)	Power Dissipation (W)	Turn-On/Turn-Off Delay Time (μs)	Price Each		
									1	10	100
◆ 511-IS08200B	IS08200B	PowerSO-36	-0.3 to 45	6.5	110	0.7	Int. Limit.	17/22	8.76	7.89	6.48
◆ 511-VN7040ASTR	VN7040ASTR	SO-8	4 to 28	38	60	Int. Limit.	-	40/35	1.66	1.34	1.07
◆ 511-VN7050ASTR	VN7050ASTR	SO-8	4 to 28	38	75	Int. Limit.	-	60/40	1.60	1.29	1.03
◆ 511-VN7140ASTR	VN7140ASTR	SO-8	4 to 28	38	210	Int. Limit.	-	70/40	1.39	1.18	.912
◆ 511-VN7140AJTR	VN7140AJTR	PowerSSO-16	4 to 28	38	210	Int. Limit.	-	70/40	2.82	2.27	2.07
◆ 511-VND5E006ASPTR-E	VND5E006ASPTR-E	SO-16	4.5 to 28	28	500	Int. Limit.	-	35/20	7.25	6.52	5.36
◆ 511-VN5E160ASTR-E	VN5E160ASTR-E	SO-8	4.5 to 28	41	160	Int. Limit.	-	10/10	1.54	1.31	1.01
◆ 511-VN5160STR-E	VN5160STR-E	SO-8	4.5 to 36	41	160	Int. Limit.	-	10/15	1.45	1.24	.952
◆ 511-VN5016AJTR-E	VN5016AJTR-E	PowerSSO-12	4.5 to 36	41	160	Int. Limit.	-	35/50	2.88	2.31	2.11
◆ 511-VN750PT-E	VN750PT-E	PPAK	5.5 to 36	41	60	6	60	40/30	2.34	1.88	1.51
◆ 511-VN751PT13TR	VN751PT13TR	PPAK	5.5 to 36	45	60	Int. Limit.	Int. Limit.	12/35	2.67	2.15	1.72
◆ 511-VN751STR	VN751STR	SO-8	5.5 to 36	45	60	Int. Limit.	Int. Limit.	12/35	2.72	2.19	1.75
◆ 511-VN920SP-E	VN920SP-E	PowerSO-10	5.5 to 36	41	15	35	125	50/50	3.95	3.17	2.89
◆ 511-VND5T016ASPTR-E	VND5T016ASPTR-E	PowerSO-16	8 to 36	41	160	Int. Limit.	-	50/45	5.28	4.48	3.89
◆ 511-VND5T035AKTR-E	VND5T035AKTR-E	PowerSSO-24	8 to 36	58	350	Int. Limit.	-	46/54	5.02	4.27	3.70
◆ 511-VND5T050AKTR-E	VND5T050AKTR-E	PowerSSO-24	8 to 36	58	500	Int. Limit.	-	30/40	4.20	3.57	3.10
◆ 511-VN808CM-E	VN808CM-E	PowerSO-36	10.5 to 45	45	160	Int. Limit.	96	50/75	7.98	7.21	5.97
◆ 511-VN4140KTR-32	VN4140KTR-32	SSO-24	10.5 to 36	41	-	-0.25	Int. Limit.	6/12	6.63	5.33	4.85
◆ 511-VN8200XPTR	VN8200XPTR	PowerSSO-36	10.5 to 36	45	200	1.4	Int. Limit.	5/10	8.46	7.61	6.26

## LOW SIDE DRIVER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Package	Operating Supply Voltage (V)	DC Supply Voltage (V)	Static Drain-Source On State Resistance (Max.) (Ω)	DC Output Current (A)	Power Dissipation (W)	Turn-On/Turn-Off Delay Time (μs)	Price Each		
									1	10	100
511-PM8841D	PM8841D	SOT-23-5	2 to 5.5	18	0.4	1	-	0.03/0.03	1.14	.98	.753

## SMART POWER DRIVER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Package	Operating Supply Voltage (V)	DC Supply Voltage (V)	Static Drain-Source On State Resistance (Max.) (Ω)	Shutdown Current (A)	Price Each		
							1	10	100
511-VN5MB02-E	VN5MB02-E	SO-16	41	37	0.08	30	2.36	2.01	1.61

## DEVELOPMENT TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Description	Price Each
511-EVAL6208Q	EVAL6208Q	L6208Q, PowerSPIN Dual Full Bridge Drive Demonstration Board	56.25
511-EVAL6229QR	EVAL6229QR	L6229Q, 3-Phase BLDC Motor Control Application Demonstration Board	43.75
511-EVAL6235PD	EVAL6235PD	L6235, 3-Phase Brushless DC Motor Demonstration Board	62.50
511-EVAL6235Q	EVAL6235Q	L6235Q, 3-Phase BLDC Motor Driver Evaluation Board	56.25
511-EVAL6393FB	EVAL6393FB	L6393, Half-Bridge Gate Driver Evaluation Board	56.25
511-EVAL6470H	EVAL6470H	L6470, Microstepping Motor Driver Evaluation Board	62.50
511-EVAL6470PD	EVAL6470PD	L6470, 8V to 45V, Stepper Motor Evaluation Board	62.50
511-EVAL6472H	EVAL6472H	L6472, 8V to 45V, Stepper Motor Evaluation Board	62.50
511-EVAL6472PD	EVAL6472PD	L6472, 8V to 45V, Stepper Motor Evaluation Board	62.50
511-EVAL6474H	EVAL6474H	L6474, 8V to 45V, Stepper Motor Evaluation Board	62.50
511-EVAL6474PD	EVAL6474PD	L6474, 8V to 45V, Stepper Motor Evaluation Board	62.50
511-EVAL6480H	EVAL6480H	L6480H 10.5V to 85V Stepper Motor Board	81.25
511-EVAL6482H	EVAL6482H	L6482 10.5V to 85V High Power Microstepping Motor Driver	81.25
511-EVALKITST7580-1	EVALKITST7580-1	ST7580 Power Line Networking System On Chip Demonstration kit	250.00
511-EVAL-L9958	EVAL-L9958	L9958 8.6A, High Current DC and Stepper Motor Evaluation Board	83.75
511-EVALSTGAP1S	EVALSTGAP1S	STGAP1S, Demonstration Board	37.50
511-STEVAL-ID1003V2	STEVAL-ID1003V2	Multi-sensor RF Platform Sensors Board	22.50
511-STEVAL-IFP007V1	STEVAL-IFP007V1	SCLT3, 24V, 16-bit, PLC Digital Input Card Demonstration Board	120.00
511-STEVAL-IFP010V3	STEVAL-IFP010V3	VN12140J, High-Side Driver Demonstration Board	61.25
511-STEVAL-IFP016V2	STEVAL-IFP016V2	L6360 IO-Link Communication Master Transceiver Demonstration Board	72.50
511-STEVAL-IFS017V7	STEVAL-IFS017V7	M41TC8025, 3.3V, RTC Temperature Sensor Daughterboard	32.50
511-STEVAL-IFS017V8	STEVAL-IFS017V8	STTS2004, RTC Temperature Sensor Daughter Card	27.50
511-STEVAL-IKM001V1	STEVAL-IKM001V1	L6470H, L6470PD, 8V to 45V, dSPIN Product Evaluation Kit	123.75
511-STEVAL-IPT005V1	STEVAL-IPT005V1	ST8034P, Smart Card Interface Evaluation Board	108.75
511-STEVAL-ISA112V1	STEVAL-ISA112V1	VIPER06HN, Wide-Range Non-Isolated Flyback Demonstration Board, Single-Output 12V/4W	58.75
511-STEVAL-MET001V1	STEVAL-MET001V1	LPS22HB, Adapter Board for a Standard DIL 24 socket	14.38
511-STEVAL-MKI015V1	STEVAL-MKI015V1	LIS344ALH, 3-Axis Adapter Board	36.25
511-STEVAL-MKI087V1	STEVAL-MKI087V1	LIS331DL, Adapter Board	26.25
511-STEVAL-MKI105V1	STEVAL-MKI105V1	LIS3DH, Adapter Board	22.50
511-STEVAL-MKI117V1	STEVAL-MKI117V1	MP34DT01, MEMS Microphone Demonstration Board	72.50
511-STEVAL-MKI117V2	STEVAL-MKI117V2	MP45DT02, MEMS Microphone Demonstration Board	72.50
511-STEVAL-MKI123V1	STEVAL-MKI123V1	LSM330D, Adapter Board	21.25
511-STEVAL-MKI125V1	STEVAL-MKI125V1	A3G4250D, 3.6V, DIL24 Socket Adapter Board	16.25
511-STEVAL-MKI126V1	STEVAL-MKI126V1	STA321MPL and MP45DT02, STSmartVoice Board	101.25
511-STEVAL-MKI126V2	STEVAL-MKI126V2	STA321MPL and MP34DB01, MEMS Microphone System Evaluation Board	101.25
511-STEVAL-MKI126V3	STEVAL-MKI126V3	MP45DT02 and STA321, STSmartVoice Board	101.25
511-STEVAL-MKI129V1	STEVAL-MKI129V1	MP45DT02, MEMS Microphone Coupon Board	41.25
511-STEVAL-MKI129V2	STEVAL-MKI129V2	MP34DB01, MEMS Microphone Coupon Board	41.25
511-STEVAL-MKI129V3	STEVAL-MKI129V3	MP34DT01, MEMS Microphone Coupon Board	41.25
511-STEVAL-MKI138V1	STEVAL-MKI138V1	MP34DT01, MEMS Microphone Demonstration Board	68.75
511-STEVAL-MKI138V2	STEVAL-MKI138V2	MP34DB01, STM32 STAudioHub USB Interface Board	68.75
511-STEVAL-MKI139V2	STEVAL-MKI139V2	MP33AB01H, MEMS Microphone 4 Coupon Daughterboard	41.25
511-STEVAL-MKI139V3	STEVAL-MKI139V3	MP23AM02B, MEMS Microphone Coupon Board	41.25
511-STEVAL-MKI142V1	STEVAL-MKI142V1	MEMS Motion Sensor Standard DIL 24 Socket Sensor Adapter Board	18.75
511-STEVAL-MKI153V1	STEVAL-MKI153V1	H3LIS331DL, 3.6V, I2C, SPI, Accelerometer Sensor Adapter Board	18.75
511-STEVAL-MKI155V1	STEVAL-MKI155V1	MP45DT02-M, MEMS Microphone Coupon Board	43.75
511-STEVAL-MKI155V2	STEVAL-MKI155V2	MP34DB02, MEMS Microphone Coupon Board	43.75
511-STEVAL-MKI155V3	STEVAL-MKI155V3	MP34DT01-M MEMS Microphone Coupon Board	43.75
511-STEVAL-MKI158V1	STEVAL-MKI158V1	AIS3624DQ, Adapter Board	15.00
511-STEVAL-MKI159V1	STEVAL-MKI159V1	LSM9DS1, Adapter Board	16.88
511-STEVAL-MKI160V1	STEVAL-MKI160V1	LSM6DS3, Adapter Board	15.75
511-STEVAL-MKI161V1	STEVAL-MKI161V1	LSM6DS0, Adapter Board	16.88
511-STEVAL-MKI163V1	STEVAL-MKI163V1	LSM303C, Adapter Board	16.88
511-STEVAL-MKI165V1	STEVAL-MKI165V1	LPS25HB, 32-Bit, MEMS Adapter Board	18.50
511-STEVAL-MKI166V1	STEVAL-MKI166V1	H3LIS100DL, Adapter Board for a Standard DIL 24 socket	15.00
511-STEVAL-MKI167V1	STEVAL-MKI167V1	H3LIS200DL, Adapter Board for a Standard DIL 24 socket	15.00
511-STEVAL-MKI170V1	STEVAL-MKI170V1	IIS328DQ, Adapter Board for a Standard DIL 24 socket	18.13
511-STEVAL-PCC019V1	STEVAL-PCC019V1	SEA01, 25V, USB to I2C Trimming Interface Board	123.75
511-STEVAL-SP1ML868	STEVAL-SP1ML868	SP1ML-868, USB Dongle	31.25
511-STEVAL-SP1ML915	STEVAL-SP1ML915	SP1ML915, USB Dongle	31.25
511-VL6180X-SATEL	VL6180X-SATEL	VL6180X, Satellite Board	16.63