

# STMICROELECTRONICS Timers, Analog ICs & RTCs



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

## TIMERS ♦ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Description	Supply Volt. Max. (V)	Supply Current Max. (mA)	Low Level Output Voltage Typ/Max(V)	High Level Output Volt. Typ. (V)	Output Rise Time Typ/Max(ns)	Output Fall Time Typ/Max(ns)	Price Each		
										1	10	100
511-TS555CN	TS555CN	DIP-8	Single CMOS low power	18	0.2	0.1/0.3	1.9	25/----	20/----	.25	.226	.21
511-TS555IN	TS555IN	DIP-8	Single CMOS low power	18	0.2	0.1/0.3	1.9	25/----	20/----	.47	.447	.386
511-TS555CDT	TS555CDT	SO-8	Single CMOS low power	18	0.2	0.1/0.3	1.9	25/----	20/----	.68	.563	.422
511-TS555IDT	TS555IDT	SO-8	Single CMOS low power	18	0.2	0.1/0.3	1.9	25/----	20/----	.66	.59	.45
511-TS555IP	TS555IPT	TSSOP-8	Single CMOS low power	18	0.2	0.1/0.3	1.9	25/----	20/----	.39	.34	.31
511-TS556CN	TS556CN	DIP-14	Dual CMOS low power	18	0.4	0.1/0.3	1.9	25/----	20/----	.39	.376	.355
511-TS556IDT	TS556IDT	SO-14	Dual CMOS low power	18	0.4	0.1/0.3	1.9	25/----	20/----	.58	.52	.45
511-TS556IN	TS556IN	DIP-14	Dual CMOS low power	18	0.4	0.1/0.3	1.9	25/----	20/----	.67	.64	.56
511-SE555DT	SE555DT	SO-8	Single CMOS low power	18	5	0.1/0.15	12.5	100/200	100/200	.60	.53	.46
511-SE555N	SE555N	PDIP-8	Single CMOS low power	18	5	0.1/0.15	12.5	100/200	100/200	.55	.51	.47
511-SA555N	SA555N	DIP-8	Single general purpose	18	6	0.1/0.25	12.5	100/300	100/300	.72	.602	.465
511-NE555DT	NE555DT	SO-8	Single CMOS low power	18	6	0.1/0.25	12.5	100/300	100/300	.35	.291	.224
511-SA556DT	SA556DT	SO-14	Dual general purpose	18	12	0.1/0.25	12.5	100/300	100/300	.44	.40	.333
511-SA556N	SA556N	DIP-14	Dual general purpose	18	12	0.1/0.25	12.5	100/300	100/300	.52	.47	.39
511-NE556DT	NE556DT	SOT-14	Dual CMOS low power	18	12	0.1/0.25	12.5	100/300	100/300	.23	.20	.175
511-NE555N	NE555N	DIP-8	Single general purpose	18	15	0.1/0.25	12.5	100/300	100/300	.16	.158	.138
511-NE556	NE556N	DIP-14	Dual general purpose	18	30	0.1/0.25	12.5	100/300	100/300	.55	.43	.30

## I/O LINK TRANSCEIVER IC



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Operating Supply Voltage (V)		VIL (V)	VIH (V)	Tj (°C)	Price Each			
			Min.	Max.				1	10	100	250
511-L6360TR	L6360TR	VFQFPN-26	18	32.5	0.8	2.2	-25 to +125	6.97	5.78	4.98	4.18

## RESET CIRCUITS

These reset circuits are low-power supervisory devices used to monitor power supplies. They perform a single function; asserting a reset signal whenever the VCC supply voltage drops below a preset value and keeping it asserted until VCC has risen above the preset threshold for a minimum period of time.



## ♦ Surface Mount Device

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MOUSER STOCK NO.	STM Part No.	Package	Reset Threshold (V)	Device Options								VCC Supply Voltage (V)	Operating Temp. Range (°C)	Price Each			
				Watch dog Input	Active Low RESET	Active High RESET	Manual RESET Input	Battery Switch Over	Power Fail Comp.	Chip Enab. Gating	1			10	100	250	
<b>Single</b>																	
511-STM1831L24WY6F	STM1831L24WY6F	SOT-23-5	2.50	No	Yes	No	Yes	No	Yes	No	No	1.6 to 5.7	-40 to +85	.51	.451	.398	.373
511-STM1816RWX7F	STM1816RWX7F	SOT-23-3	2.55	No	Yes	No	No	No	No	No	No	1.0 to 5.5	-40 to +105	.39	.34	.30	.28
511-STM6823RWY6F	STM6823RWY6F	SOT-23-5	2.63	Yes	Yes	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	.99	.81	.76	.70
511-STM6825SWY6F	STM6825SWY6F	SOT-23-5	2.93	Yes	Yes	No	No	Yes	No	No	No	1.0 to 5.5	-40 to +85	1.87	1.60	1.30	1.17
511-STM809RWX6F	STM809RWX6F	SOT-23-3	2.63	No	Yes	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	.44	.38	.27	.23
511-STM6822RWY6F	STM6822RWY6F	SOT-23-5	2.63	No	No	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	1.42	1.26	1.09	1.05
511-STM811RW16F	STM811RW16F	SOT-143-4	2.63	No	Yes	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	.68	.58	.46	.40
511-STM6321RWY6F	STM6321RWY6F	SOT-23-5	2.66	Yes	Yes	Yes	No	No	No	No	No	1.2 to 5.5	-40 to +85	1.95	1.67	1.36	1.22
511-STM1816SWX7F	STM1816SWX7F	SOT-23-3	2.88	No	Yes	No	No	No	No	No	No	1.0 to 5.5	-40 to +105	.39	.34	.30	.28
511-STM1818SWX7F	STM1818SWX7F	SOT-23-3	2.88	No	Yes	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +105	.46	.41	.36	.34
511-STM809SWX6F	STM809SWX6F	SOT-23-3	2.93	No	Yes	No	No	No	No	No	No	1.0 to 5.5	-40 to +85	.44	.38	.27	.23
511-STM6315SDW13F	STM6315SDW13F	SOT-143-4	2.93	No	Yes	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +125	.67	.63	.58	.52
511-STM6322SWY6F	STM6322SWY6F	SOT-23-5	2.93	No	No	Yes	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	.91	.83	.68	.59
511-STM6822SWY6F	STM6822SWY6F	SOT-23-5	2.93	No	No	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	.67	.60	.51	.49
511-STM6823SWY6F	STM6823SWY6F	SOT-23-5	2.93	Yes	Yes	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	1.50	1.35	1.04	.89
511-STM811SW16F	STM811SW16F	SOT-143-4	2.93	No	Yes	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	.68	.58	.46	.40
511-STM706TM6F	STM706TM6F	SO-8	3.00	Yes	Yes	No	Yes	No	Yes	No	No	1.0 to 5.5	-40 to +85	.67	.59	.51	.49
511-STM795SM6F	STM795SM6F	SO-8	3.07	No	Yes	No	Yes	Yes	No	Yes	Yes	1.0 to 5.5	-40 to +85	2.38	2.12	1.83	1.74
511-STM795TM6F	STM795TM6F	SO-8	3.07	No	Yes	No	Yes	Yes	No	Yes	Yes	1.0 to 5.5	-40 to +85	2.38	2.12	1.83	1.74
511-STM6822TWY6F	STM6822TWY6F	SOT-23-5	3.08	No	No	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	1.42	1.26	1.09	1.05
511-STM6823TWY6F	STM6823TWY6F	SOT-23-5	3.08	Yes	Yes	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	1.21	1.07	.92	.87
511-STM6322TWY6F	STM6322TWY6F	SOT-23-5	3.08	No	Yes	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	1.50	1.40	1.11	.94
511-STM810TWX6F	STM810TWX6F	SOT-23-3	3.08	No	No	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	.44	.38	.27	.23
511-STM809TWX6F	STM809TWX6F	SOT-23-3	3.08	No	Yes	No	No	No	No	No	No	1.0 to 5.5	-40 to +85	.44	.38	.27	.23
511-STM811TW16F	STM811TW16F	SOT-143-4	3.08	No	Yes	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	.68	.58	.46	.40
511-STM810MWX6F	STM810MWX6F	SOT-23-3	4.38	No	No	Yes	No	No	No	No	No	1.0 to 5.5	-40 to +85	.60	.48	.35	.31
511-STM809MWX6F	STM809MWX6F	SOT-23-3	4.38	No	Yes	No	No	No	No	No	No	1.0 to 5.5	-40 to +85	.44	.38	.27	.23
511-STM810LWX6F	STM810LWX6F	SOT-23-3	4.63	No	No	Yes	No	No	No	No	No	1.0 to 5.5	-40 to +85	.44	.38	.27	.23
511-STM809LWX6F	STM809LWX6F	SOT-23-3	4.63	No	Yes	No	No	No	No	No	No	1.0 to 5.5	-40 to +85	.44	.38	.27	.23
511-STM811LW16F	STM811LW16F	SOT-143-4	4.63	No	Yes	No	Yes	No	No	No	No	1.0 to 5.5	-40 to +85	.68	.58	.46	.40
<b>Dual</b>																	
511-STM6720SYWB6F	STM6720SYWB6F	SOT-23-6	2.925/2.188	No	Yes	No	Yes	No	No	No	No	0.8 to 5.5	-40 to +85	1.55	1.33	1.08	.97

## SERIAL REAL-TIME CLOCKS (RTC) ♦ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Supply Voltage (V)	I/O Supply Current (mA)	Bus. Type	Temp. Range (°C)	Supply Voltage (V)	Price Each		
								1	10	100
511-M41T60Q6F	M41T60Q6F	QFN-16	1.3 to 4.4	20	I2C	-40 to +85	1.3 to 3.6	1.90	1.80	1.55
511-M41T62Q6F	M41T62Q6F	QFN-16	-0.3 to 5.0	20	I2C	-40 to +85	1.3 to 3.6	2.35	2.05	1.70
511-M41T65Q6F	M41T65Q6F	QFN-16	-0.3 to 5.0	20	I2C	-40 to +85	1.3 to 3.6	2.00	1.71	1.40
511-M41T81SMY6F	M41T81SMY6F	SOX-18	-0.3 to 7.0	20	I2C	-40 to +85	2.0 to 5.5	5.23	4.70	3.83
511-M41T93RMY6F	M41T93RMY6F	SOX-18	-0.3 to 7.0	20	SPI	-40 to +85	2.38 to 5.5	4.64	4.12	3.57
511-M41T0M6F	M41T0M6F	SOIC-8	-0.3 to 7.0	20	I2C	-40 to +85	2 to 5.5	2.72	2.33	1.90
511-M41T56M6F	M41T56M6F	SOIC-8	-0.3 to 7.0	20	I2C	-40 to +85	4.5 to 5.5	3.15	2.83	2.31
511-M41T62LC6F	M41T62LC6F	CLCC-8	-0.3 to 5.0	20	I2C	-40 to +85	1.3 to 4.4	4.30	3.82	3.37
511-M41T80M6F	M41T80M6F	SOIC-8	-0.3 to 7.0	20	I2C	-40 to +85	2 to 5.5	2.76	2.36	1.93
511-M41T81M6F	M41T81M6F	SOIC-8	-0.3 to 7.0	20	I2C	-40 to +85	2 to 5.5	3.07	2.75	2.23
511-M41T81SM6F	M41T81SM6F	SOIC-8	-0.3 to 7.0	20	I2C	-40 to +85	2.7 to 5.5	3.06	2.70	2.21
511-M41T83RMY6F	M41T83RMY6F	SOIC-8	-0.3 to 7.0	20	I2C	-40 to +85	2.7 to 5.5	4.64	4.12	3.57
511-M41T83SMY6F	M41T83SMY6F	SOX-18	-0.3 to 7.0	20	I2C	-40 to +85	3 to 5.5	4.64	4.12	3.57
511-M41T93RQA6F	M41T93RQA6F	QFN-16	-0.3 to 7.0	20	I2C	-40 to +85	2.7 to 5.5	3.11	2.77	2.66
511-M41T93SMY6F	M41T93SMY6F	SOX-18	-0.3 to 7.0	20	I2C	-40 to +85	3 to 5.5	4.64	4.12	3.57