

## 製品概要

### NCP308: 電圧監視、超低静止電流、プログラミング可能な遅延時間

技術情報は、データシートをご参照ください。

NCP308 シリーズは、オン・セミコンダクター監視回路ファミリの 1 つです。0.405 V から最高 5.5 V のシステム電圧の監視に最適化されていて、マニュアル・リセット (/MR) 入力とともに、アクティブ低オープンドレイン/RESET 出力をアサートします。この部品は、固定バージョンと内部調整可能バージョンの両方を備えています。

#### 特長

- Very low Quiescent Current 1.6  $\mu$ V
- Fixed threshold voltage version for Standard Voltage Rails
- Adjustable threshold version available with low threshold (0.405 V min.)
- High Threshold Voltage Accuracy: 0.31% typical
- Wide Supply voltage range 1.6 to 5.5 V
- Manual Reset Input (/MR) - Open Drain /RESET Output (Push Pull available upon request)
- Flexible Delay Time Programmability (1.25 ms up to 10 s)

#### アプリケーション

- DSP or Microcontroller based applications
- PDA / Hand-Held Products
- Portable / Battery-Powered Products
- FPGA / ASIC Applications

#### 利点

- Saves battery and power supply power
- Saves external components, simple to design
- Flexible design
- Robust design

#### 最終製品

- Notebook / Desktop Computers



製品	Pricing (\$/Unit)	Compliance	Status	Voltages Monitored	V <sub>CC</sub> Max (V)	V <sub>(T0)</sub> Typ (V)	I <sub>Q</sub> Typ (µA)	Reset Active State	Reset Timer	Manual Reset	Watchdog Timer	Package Type
NCP308MT090TBG	0.4041	Pb-free	Active	1	5.5	0.9	1.6	Low	Yes	Yes	No	WDFN-6
		Halide free										
		non AEC-Q and PPAP										
NCP308MT120TBG	0.4041	Pb-free	Active	1	5.5	1.2	1.6	Low	Yes	Yes	No	WDFN-6
		Halide free										
		non AEC-Q and PPAP										
NCP308MT125TBG	0.4041	Pb-free	Active	1	5.5	1.25	1.6	Low	Yes	Yes	No	WDFN-6
		Halide free										
		non AEC-Q and PPAP										
NCP308MT150TBG	0.4041	Pb-free	Active	1	5.5	1.5	1.6	Low	Yes	Yes	No	WDFN-6
		Halide free										
		non AEC-Q and PPAP										
NCP308MT180TBG	0.4041	Pb-free	Active	1	5.5	1.8	1.6	Low	Yes	Yes	No	WDFN-6
		Halide free										
		non AEC-Q and PPAP										
NCP308MT190TBG	0.4041	Pb-free	Active	1	5.5	1.9	1.6	Low	Yes	Yes	No	WDFN-6
		Halide free										
		non AEC-Q and PPAP										
NCP308MT250TBG	0.4041	Pb-free	Active	1	5.5	2.5	1.6	Low	Yes	Yes	No	WDFN-6
		Halide free										
		non AEC-Q and PPAP										
NCP308MT280TBG	0.4041	Pb-free	Active	1	5.5	2.8	1.6	Low	Yes	Yes	No	WDFN-6
		Halide free										
		non AEC-Q and PPAP										
NCP308MT300TBG	0.4041	Pb-free	Active	1	5.5	3	1.6	Low	Yes	Yes	No	WDFN-6
		Halide free										
		non AEC-Q and PPAP										
NCP308MT330TBG	0.4041	Pb-free	Active	1	5.5	3.3	1.6	Low	Yes	Yes	No	WDFN-6
		Halide free										
		non AEC-Q and PPAP										
NCP308MT500TBG	0.4041	Pb-free	Active	1	5.5	5	1.6	Low	Yes	Yes	No	WDFN-6
		Halide free										
		non AEC-Q and PPAP										
NCP308MTADJTBG	0.4041	Pb-free	Active	1	5.5	0.405 min	1.6	Low	Yes	Yes	No	WDFN-6
		Halide free										
		non AEC-Q and PPAP										
NCP308SN090T1G	0.27	Pb-free	Active	1	5.5	0.9	1.6	Low	Yes	Yes	No	TSOP-6
		Halide free										
		non AEC-Q and PPAP										
NCP308SN120T1G	0.4041	Pb-free	Active	1	5.5	1.2	1.6	Low	Yes	Yes	No	TSOP-6
		Halide free										
		non AEC-Q and PPAP										
NCP308SN125T1G	0.4041	Pb-free	Active	1	5.5	1.25	1.6	Low	Yes	Yes	No	TSOP-6
		Halide free										
		non AEC-Q and PPAP										
NCP308SN150T1G	0.4041	Pb-free	Active	1	5.5	1.5	1.6	Low	Yes	Yes	No	TSOP-6
		Halide free										
		non AEC-Q and PPAP										

NCP308SN180T1G	0.4041	Pb-free	Active	1	5.5	1.8	1.6	Low	Yes	Yes	No	TSOP-6
		Halide free non AEC-Q and PPAP										
NCP308SN190T1G	0.4041	Pb-free	Active	1	5.5	1.9	1.6	Low	Yes	Yes	No	TSOP-6
		Halide free non AEC-Q and PPAP										
NCP308SN250T1G	0.4041	Pb-free	Active	1	5.5	2.5	1.6	Low	Yes	Yes	No	TSOP-6
		Halide free non AEC-Q and PPAP										
NCP308SN280T1G	0.4041	Pb-free	Active	1	5.5	2.8	1.6	Low	Yes	Yes	No	TSOP-6
		Halide free non AEC-Q and PPAP										
NCP308SN300T1G	0.4041	Pb-free	Active	1	5.5	3	1.6	Low	Yes	Yes	No	TSOP-6
		Halide free non AEC-Q and PPAP										
NCP308SN330T1G	0.4041	Pb-free	Active	1	5.5	3.3	1.6	Low	Yes	Yes	No	TSOP-6
		Halide free non AEC-Q and PPAP										
NCP308SN500T1G	0.4041	Pb-free	Active	1	5.5	5	1.6	Low	Yes	Yes	No	TSOP-6
		Halide free non AEC-Q and PPAP										
NCP308SNADJT1G	0.27	Pb-free	Active	1	5.5	0.405 min	1.6	Low	Yes	Yes	No	TSOP-6
		Halide free non AEC-Q and PPAP										
NCV308SN330T1G	0.396	AEC Qualified	Active	1	5.5	3.3	1.6	Low	Yes	Yes	No	TSOP-6
		PPAP Capable										
		Pb-free										
		Halide free										
NCV308SNADJT1G	0.396	AEC Qualified	Active	1	5.5	0.405 min	1.6	Low	Yes	Yes	No	TSOP-6
		PPAP Capable										
		Pb-free										
		Halide free										

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