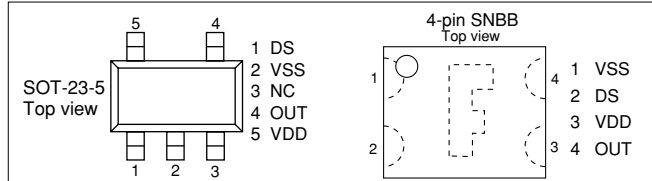


SUPER-SMALL PACKAGE HIGH-PRECISION VOLTAGE DETECTOR WITH DELAY CIRCUIT

S-801 series

The S-801 series is a high-precision voltage detector with a fixed delay time generator, developed using CMOS technology. The detection voltage is fixed internally with a precision of $\pm 2.0\%$. An integrated oscillator and counter timer make it possible to delay the release signal without using external components. One of three delay times can be selected. Open-drain (Nch open-drain) output and Push-pull (CMOS output) are available.

PIN CONFIGURATIONS



SELECTION GUIDE SOT-23-5 (3000/reel)

Detection voltage range	Delay time (typ.)	Open-drain (Nch open-drain) [low]	Push-pull (CMOS output) [low]	Detection voltage range	Delay time (typ.)	Open-drain (Nch open-drain) [low]	Push-pull (CMOS output) [low]
2.2 V $\pm$ 2.0%	50 ms	S-80122ANMC-JCH-T2	S-80122ALMC-JAH-T2	4.2 V $\pm$ 2.0%	50 ms	S-80142ANMC-JC3-T2	S-80142ALMC-JA3-T2
	100 ms	S-80122BNMC-JGH-T2	S-80122BLMC-JEH-T2		100 ms	S-80142BNMC-JG3-T2	S-80142BLMC-JE3-T2
	200 ms	S-80122CNMC-JKH-T2	S-80122CLMC-JIH-T2		200 ms	S-80142CNMC-JK3-T2	S-80142CLMC-JI3-T2
2.3 V $\pm$ 2.0%	50 ms	S-80123ANMC-JCI-T2	S-80123ALMC-JAI-T2	4.3 V $\pm$ 2.0%	50 ms	S-80143ANMC-JC4-T2	S-80143ALMC-JA4-T2
	100 ms	S-80123BNMC-JGI-T2	S-80123BLMC-JEI-T2		100 ms	S-80143BNMC-JG4-T2	S-80143BLMC-JE4-T2
	200 ms	S-80123CNMC-JKI-T2	S-80123CLMC-JII-T2		200 ms	S-80143CNMC-JK4-T2	S-80143CLMC-JI4-T2
2.4 V $\pm$ 2.0%	50 ms	S-80124ANMC-JCJ-T2	S-80124ALMC-JAJ-T2	4.4 V $\pm$ 2.0%	50 ms	S-80144ANMC-JC5-T2	S-80144ALMC-JA5-T2
	100 ms	S-80124BNMC-JGJ-T2	S-80124BLMC-JEJ-T2		100 ms	S-80144BNMC-JG5-T2	S-80144BLMC-JE5-T2
	200 ms	S-80124CNMC-JKJ-T2	S-80124CLMC-JIJ-T2		200 ms	S-80144CNMC-JK5-T2	S-80144CLMC-JI5-T2
2.5 V $\pm$ 2.0%	50 ms	S-80125ANMC-JCK-T2	S-80125ALMC-JAK-T2	4.5 V $\pm$ 2.0%	50 ms	S-80145ANMC-JC6-T2	S-80145ALMC-JA6-T2
	100 ms	S-80125BNMC-JGK-T2	S-80125BLMC-JEK-T2		100 ms	S-80145BNMC-JG6-T2	S-80145BLMC-JE6-T2
	200 ms	S-80125CNMC-JKK-T2	S-80125CLMC-JIK-T2		200 ms	S-80145CNMC-JK6-T2	S-80145CLMC-JI6-T2
2.6 V $\pm$ 2.0%	50 ms	S-80126ANMC-JCL-T2	S-80126ALMC-JAL-T2	4.6 V $\pm$ 2.0%	50 ms	S-80146ANMC-JC7-T2	S-80146ALMC-JA7-T2
	100 ms	S-80126BNMC-JGL-T2	S-80126BLMC-JEL-T2		100 ms	S-80146BNMC-JG7-T2	S-80146BLMC-JE7-T2
	200 ms	S-80126CNMC-JKL-T2	S-80126CLMC-JIL-T2		200 ms	S-80146CNMC-JK7-T2	S-80146CLMC-JI7-T2
2.7 V $\pm$ 2.0%	50 ms	S-80127ANMC-JCM-T2	S-80127ALMC-JAM-T2	4.7 V $\pm$ 2.0%	50 ms	S-80147ANMC-JC8-T2	S-80147ALMC-JA8-T2
	100 ms	S-80127BNMC-JGM-T2	S-80127BLMC-JEM-T2		100 ms	S-80147BNMC-JG8-T2	S-80147BLMC-JE8-T2
	200 ms	S-80127CNMC-JKM-T2	S-80127CLMC-JIM-T2		200 ms	S-80147CNMC-JK8-T2	S-80147CLMC-JI8-T2
2.8 V $\pm$ 2.0%	50 ms	S-80128ANMC-JCN-T2	S-80128ALMC-JAN-T2	4.8 V $\pm$ 2.0%	50 ms	S-80148ANMC-JC9-T2	S-80148ALMC-JA9-T2
	100 ms	S-80128BNMC-JGN-T2	S-80128BLMC-JEN-T2		100 ms	S-80148BNMC-JG9-T2	S-80148BLMC-JE9-T2
	200 ms	S-80128CNMC-JKN-T2	S-80128CLMC-JIN-T2		200 ms	S-80148CNMC-JK9-T2	S-80148CLMC-JI9-T2
2.9 V $\pm$ 2.0%	50 ms	S-80129ANMC-JCO-T2	S-80129ALMC-JAO-T2	4.9 V $\pm$ 2.0%	50 ms	S-80149ANMC-JDA-T2	S-80149ALMC-JA9-T2
	100 ms	S-80129BNMC-JGO-T2	S-80129BLMC-JEO-T2		100 ms	S-80149BNMC-JHA-T2	S-80149BLMC-JFA-T2
	200 ms	S-80129CNMC-JKO-T2	S-80129CLMC-JIO-T2		200 ms	S-80149CNMC-JLA-T2	S-80149CLMC-JIA-T2
3.0 V $\pm$ 2.0%	50 ms	S-80130ANMC-JCP-T2	S-80130ALMC-JAP-T2	5.0 V $\pm$ 2.0%	50 ms	S-80150ANMC-JDB-T2	S-80150ALMC-JBB-T2
	100 ms	S-80130BNMC-JGP-T2	S-80130BLMC-JEP-T2		100 ms	S-80150BNMC-JHB-T2	S-80150BLMC-JFB-T2
	200 ms	S-80130CNMC-JKP-T2	S-80130CLMC-JIP-T2		200 ms	S-80150CNMC-JLB-T2	S-80150CLMC-JIB-T2
3.1 V $\pm$ 2.0%	50 ms	S-80131ANMC-JCQ-T2	S-80131ALMC-JAQ-T2	5.1 V $\pm$ 2.0%	50 ms	S-80151ANMC-JDC-T2	S-80151ALMC-JBC-T2
	100 ms	S-80131BNMC-JGQ-T2	S-80131BLMC-JEQ-T2		100 ms	S-80151BNMC-JHC-T2	S-80151BLMC-JFC-T2
	200 ms	S-80131CNMC-JKQ-T2	S-80131CLMC-JIQ-T2		200 ms	S-80151CNMC-JLC-T2	S-80151CLMC-JIC-T2
3.2 V $\pm$ 2.0%	50 ms	S-80132ANMC-JCR-T2	S-80132ALMC-JAR-T2	5.2 V $\pm$ 2.0%	50 ms	S-80152ANMC-JDD-T2	S-80152ALMC-JBD-T2
	100 ms	S-80132BNMC-JGR-T2	S-80132BLMC-JER-T2		100 ms	S-80152BNMC-JHD-T2	S-80152BLMC-JFD-T2
	200 ms	S-80132CNMC-JKR-T2	S-80132CLMC-JIR-T2		200 ms	S-80152CNMC-JLD-T2	S-80152CLMC-JID-T2
3.3 V $\pm$ 2.0%	50 ms	S-80133ANMC-JCS-T2	S-80133ALMC-JAS-T2	5.3 V $\pm$ 2.0%	50 ms	S-80153ANMC-JDE-T2	S-80153ALMC-JBE-T2
	100 ms	S-80133BNMC-JGS-T2	S-80133BLMC-JES-T2		100 ms	S-80153BNMC-JHE-T2	S-80153BLMC-JFE-T2
	200 ms	S-80133CNMC-JKS-T2	S-80133CLMC-JIS-T2		200 ms	S-80153CNMC-JLE-T2	S-80153CLMC-JIE-T2
3.4 V $\pm$ 2.0%	50 ms	S-80134ANMC-JCT-T2	S-80134ALMC-JAT-T2	5.4 V $\pm$ 2.0%	50 ms	S-80154ANMC-JDF-T2	S-80154ALMC-JBF-T2
	100 ms	S-80134BNMC-JGT-T2	S-80134BLMC-JET-T2		100 ms	S-80154BNMC-JHF-T2	S-80154BLMC-JFF-T2
	200 ms	S-80134CNMC-JKT-T2	S-80134CLMC-JIT-T2		200 ms	S-80154CNMC-JLF-T2	S-80154CLMC-JIF-T2
3.5 V $\pm$ 2.0%	50 ms	S-80135ANMC-JCU-T2	S-80135ALMC-JAU-T2	5.5 V $\pm$ 2.0%	50 ms	S-80155ANMC-JDG-T2	S-80155ALMC-JBG-T2
	100 ms	S-80135BNMC-JGU-T2	S-80135BLMC-JEU-T2		100 ms	S-80155BNMC-JHG-T2	S-80155BLMC-JFG-T2
	200 ms	S-80135CNMC-JKU-T2	S-80135CLMC-JIU-T2		200 ms	S-80155CNMC-JLG-T2	S-80155CLMC-JJG-T2
3.6 V $\pm$ 2.0%	50 ms	S-80136ANMC-JCV-T2	S-80136ALMC-JAV-T2	5.6 V $\pm$ 2.0%	50 ms	S-80156ANMC-JDH-T2	S-80156ALMC-JBH-T2
	100 ms	S-80136BNMC-JGV-T2	S-80136BLMC-JEV-T2		100 ms	S-80156BNMC-JHH-T2	S-80156BLMC-JFH-T2
	200 ms	S-80136CNMC-JKV-T2	S-80136CLMC-JIV-T2		200 ms	S-80156CNMC-JLH-T2	S-80156CLMC-JIH-T2
3.7 V $\pm$ 2.0%	50 ms	S-80137ANMC-JCW-T2	S-80137ALMC-JAW-T2	5.7 V $\pm$ 2.0%	50 ms	S-80157ANMC-JDI-T2	S-80157ALMC-JBI-T2
	100 ms	S-80137BNMC-JGW-T2	S-80137BLMC-JEW-T2		100 ms	S-80157BNMC-JHI-T2	S-80157BLMC-JFI-T2
	200 ms	S-80137CNMC-JKW-T2	S-80137CLMC-JIW-T2		200 ms	S-80157CNMC-JLI-T2	S-80157CLMC-JFI-T2
3.8 V $\pm$ 2.0%	50 ms	S-80138ANMC-JCX-T2	S-80138ALMC-JAX-T2	5.8 V $\pm$ 2.0%	50 ms	S-80158ANMC-JDJ-T2	S-80158ALMC-JBJ-T2
	100 ms	S-80138BNMC-JGX-T2	S-80138BLMC-JEX-T2		100 ms	S-80158BNMC-JHJ-T2	S-80158BLMC-JFJ-T2
	200 ms	S-80138CNMC-JKX-T2	S-80138CLMC-JIX-T2		200 ms	S-80158CNMC-JLJ-T2	S-80158CLMC-JJJ-T2
3.9 V $\pm$ 2.0%	50 ms	S-80139ANMC-JCY-T2	S-80139ALMC-JAY-T2	5.9 V $\pm$ 2.0%	50 ms	S-80159ANMC-JDK-T2	S-80159ALMC-JBK-T2
	100 ms	S-80139BNMC-JGY-T2	S-80139BLMC-JEY-T2		100 ms	S-80159BNMC-JHK-T2	S-80159BLMC-JFK-T2
	200 ms	S-80139CNMC-JKY-T2	S-80139CLMC-JIY-T2		200 ms	S-80159CNMC-JLK-T2	S-80159CLMC-JJK-T2
4.0 V $\pm$ 2.0%	50 ms	S-80140ANMC-JCZ-T2	S-80140ALMC-JAZ-T2	6.0 V $\pm$ 2.0%	50 ms	S-80160ANMC-JDL-T2	S-80160ALMC-JBL-T2
	100 ms	S-80140BNMC-JGZ-T2	S-80140BLMC-JEZ-T2		100 ms	S-80160BNMC-JHL-T2	S-80160BLMC-JFL-T2
	200 ms	S-80140CNMC-JKZ-T2	S-80140CLMC-JJZ-T2		200 ms	S-80160CNMC-JLL-T2	S-80160CLMC-JJL-T2
4.1 V $\pm$ 2.0%	50 ms	S-80141ANMC-JC2-T2	S-80141ALMC-JA2-T2				
	100 ms	S-80141BNMC-JG2-T2	S-80141BLMC-JE2-T2				
	200 ms	S-80141CNMC-JK2-T2	S-80141CLMC-JI2-T2				

Remark products are scheduled for release.

Please contact an SII sales office for information on sample availability.

SELECTION GUIDE

4-pin SNB(B) (5000/reel)

Detection voltage range	Delay time (typ.)	Open-drain (Nch open-drain) [low]	Push-pull (CMOS output) [low]	Detection voltage range	Delay time (typ.)	Open-drain (Nch open-drain) [low]	Push-pull (CMOS output) [low]
2.2 V $\pm$ 2.0%	50 ms	-	S-80122ALBB-JAH-TF	2.8 V $\pm$ 2.0%	200 ms	-	S-80128CLBB-JIN-TF
	200 ms	S-80122CNBB-JKH-TF	-		50 ms	-	S-80130ALBB-JAP-TF
2.4 V $\pm$ 2.0%	200 ms	S-80124CNBB-JKJ-TF	-	3.0 V $\pm$ 2.0%	200 ms	S-80130CNBB-JKP-TF	-
	50 ms	-	S-80125ALBB-JAK-TF		200 ms	S-80140CNBB-JKZ-TF	-
2.5 V $\pm$ 2.0%	50 ms	-	-	4.0 V $\pm$ 2.0%	200 ms	-	-
	50 ms	S-80127ANBB-JCM-TF	-		200 ms	S-80145CNBB-JK6-TF	S-80145CLBB-JI6-TF
2.7 V $\pm$ 2.0%	100 ms	S-80127BNBB-JGM-TF	S-80127BLBB-JEM-TF				
	200 ms	S-80127CNBB-JKM-TF	-				