

# ON SEMICONDUCTOR Analog ICs

ON Semiconductor®



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## DIGITALLY PROGRAMMABLE POTENTIOMETERS (DPP™)

◆ Surface Mount Device

**Features:**

- 32, 64, 100, 128, 256 position linear taper
- Nonvolatile wiper position storage
- Low power CMOS technology
- Resistor values: 10kΩ, 50kΩ and 100kΩ

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package	Supply Range (V)	Type	Taps	Resistance Option (kΩ)	Buffered Wiper	Digital Interface	Supply Type	Price Each			
Mfr.	Mfr. Part No.									1	10	100	1000
◆	698—CAT5114V1-10-GT3	SOIC-8	2.5 to 6.0	Single	32	10	No	Up/Down	Single	2.60	2.10	1.68	1.21
	698—CAT5114L1-00-G	PDIP-8	2.5 to 6.0	Single	32	100	No	Up/Down	Single	2.65	2.13	1.71	1.23
	698—CAT5115L1-00-G	PDIP-8	2.5 to 6.0	Single	32	100	No	Up/Down	Single	2.67	2.15	1.72	1.24
	698—CAT5113L1-01-G	PDIP-8	2.5 to 6.0	Single	100	1	No	Up/Down	Single	3.82	3.07	2.79	1.90
	698—CAT5113L1-0-G	PDIP-8	2.5 to 6.0	Single	100	10	No	Up/Down	Single	3.97	3.37	2.92	2.09
◆	698—CAT5113V1-10-GT3	SOIC-8	2.5 to 6.0	Single	100	10	No	Up/Down	Single	3.57	3.03	2.63	1.88
◆	863—CAT5140Z1-00-GT3	MSOP-8	2.5 to 5.5	Single	256	100	Yes	I2C	Single	2.51	2.02	1.62	1.17
◆	863—CAT5271Z1-50-GT3	MSOP-10	2.7 to 5.5	Dual	256	50	No	I2C	Single	3.35	2.70	2.46	1.67
◆	863—CAT5271Z1-50-GT3	MSOP-10	2.7 to 5.5	Dual	256	50	No	I2C	Single	3.35	2.70	2.46	1.67

## MP SUPERVISORS WITHOUT EEPROM MEMORY

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package	Reset Level (V)	Watchdog Timer	Manual Reset	Output Polarity	Price Each			
Mfr.	Mfr. Part No.						1	10	100	1000
◆	698—CAT810TTBI-GT3	SOT-23	3.08	No	Yes	Push-Pull, Active HIGH	.64	.477	.30	.224
◆	698—CAT809RTBI-GT3	SOT-23	2.63	No	Yes	Push-Pull, Active LOW	.46	.386	.235	.182
◆	698—CAT809LTBI-GT3	SOT-23	4.63	No	Yes	Push-Pull, Active LOW	.58	.387	.216	.157
◆	698—CAT809STBI-GT3	SOT-23	2.93	No	Yes	Push-Pull, Active LOW	.50	.387	.21	.157
◆	698—CAT823TTDI-G	TSOT-23-5	3.08	No	Yes	Push-Pull, Active LOW	.88	.682	.44	.352
◆	698—CAT1832V-G	SOIC-8	2.55/2.88	Yes	Yes	Push-Pull, Active LOW/HIGH	1.38	1.10	.851	.594
◆	863—MAX803SQ293D3T1G	SC-70-3	2.93	No	No	Open-Drain, Active LOW	.53	.397	.25	.187
◆	863—MAX803SQ308T1G	SC-70-3	3.08	No	No	Open-Drain, Active LOW	.55	.457	.278	.215
◆	863—MAX809SN293D1T1G	SOT-23	2.93	No	No	Push-Pull, Active LOW	.61	.457	.287	.215
◆	863—MAX810MTRG	SOT-23	4.38	No	No	Push-Pull, Active HIGH	.46	.386	.235	.182
◆	698—CAT811STBI-GT3	SOT-143	2.93	No	Yes	Push-Pull, Active LOW	.53	.395	.248	.186
◆	863—NCP361SNT1G	TSOP-5	20	No	No	PFET Driver	.67	.558	.36	.288

## MULTIPLEXERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package Type	No. of Elements	Channels	VCC Max.	Ron Max. (Ω)	I <sub>lk</sub> Max. (μA)	Price Each		
Mfr.	Mfr. Part No.							1	10	100
863	—MC74HC4053ADG	SOIC-16	3	2	6	190	0.1	.54	.449	.273
863	—MC74HC4066ADG	SOIC-14	4	1	12	120	0.1	.56	.372	.207
863	—MC14051BDG	SOIC-16	1	8	18	500	0.1	.50	.415	.253
863	—MC14051BDTR2G	TSSOP-16	1	8	18	500	0.1	.55	.457	.278
863	—MC14052BDG	SOIC-16	2	4	18	500	0.1	.65	.54	.329
863	—MC14066BDG	SOIC-14	4	1	18	500	0.1	.58	.387	.216
863	—MC14551BDG	SOIC-16	4	2	18	500	0.1	1.69	1.36	1.04

## ANALOG SWITCHES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package Type	Switch Configuration	VCC Max.	Ron Max. (Ω)	Time On/Off (ns)	Price Each		
Mfr.	Mfr. Part No.						1	10	100
863	—NLAS52231MUR2G	UQFN	SPDT	4.5	0.46	50/30	1.14	.98	.753
863	—NLAS5123MNR2G	WDFN-6	SPDT	5.5	1	30/20	1.25	1.00	.774
863	—NLAS5123MUR2G	UDFN-6	SPDT	5.5	1	30/20	1.39	1.12	.86
863	—NLAS7222AMTR2G	WQFN-10	DPDT	3.6	9	13/12	1.04	.84	.645
863	—NLAS7222BMUTBG	UQFN	DPDT	4.5	9	14/10	.79	.66	.426
863	—NLAS7222CMUTBG	UQFN	DPDT	4.5	9	14/10	.98	.84	.645
863	—NLAS7242MUTBG	UQFN	DPDT	4.5	10	13/12	.90	.749	.483
863	—NS5S1153MUTAG	UQFN	DPDT	5	5.5	14/75μs	.82	.70	.538

## VOLTAGES COMPARATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package Type	VCC Max. (V)	TA (°C)		Channels	IO Typ. (mA)	ICC Typ. (mA)	VIO Max. (mV)	Price Each		
Mfr.	Mfr. Part No.			Max.	Min.					1	10	100
863	—NCV331SN3T1G	TSOP-5	5	125	-40	1	23	0.1	9	.92	.713	.46
863	—LMV331SN3T1G	TSOP-5	5	150	-65	1	23	40	9	.47	.395	.24
863	—LMV393DMR2G	Micro8	5	150	-65	2	23	70	9	.47	.395	.24
863	—NCS3402DR2G	SOIC-8	16	125	-40	2	10	-	30	1.67	1.34	1.03
863	—NCV2393DR2G	SOIC-8	16	125	-40	2	20	0.1	18	.87	.70	.538
863	—TS393DR2G	SOIC-8	16	125	-40	2	20	0.1	18	.66	.498	.313
863	—LM2901DG	SOIC-14	36	105	-40	4	16	1	7	.41	.316	.171
863	—LM2901DR2G	SOIC-14	36	105	-40	4	16	1	7	.38	.27	.124
863	—LM2901NG	PDIP-14	36	105	-40	4	16	1	7	.58	.434	.273
863	—LM2903DR2G	SOIC-8	36	105	-40	2	16	0.7	7	.38	.27	.124
863	—LM311DR2G	SOIC-8	36	70	0	1	8	2.4	7.5	.45	.374	.228
863	—LM339DR2G	SOIC-14	36	70	0	4	16	1	5	.41	.293	.135
863	—LM339NG	PDIP-14	36	70	0	4	16	1	5	.58	.434	.273
863	—LM311DR2G	SOIC-8	36	105	-40	2	16	0.7	7	.45	.374	.228
863	—LM2903NG	PDIP-8	36	105	-40	2	16	0.7	7	.40	.332	.202
863	—LM393DG	SOIC-8	36	70	0	2	16	0.7	5	.46	.326	.15
863	—LM393DR2G	SOIC-8	36	70	0	2	16	0.7	5	.44	.313	.144
863	—LM393NG	PDIP-8	36	70	0	2	16	0.7	5	.46	.343	.215
863	—NCV391SN2T1G	TSOP-5	36	125	-40	1	16	0.5	-	1.24	1.06	.817
863	—TS391SN2T1G	TSOP-5	36	125	-40	1	16	0.5	15	1.15	.924	.71

## INTERFACES

### Industrial HART-Protocol Modems

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package Type	No. of Drivers	No. of Receivers	Vcc Max. (V)	t <sub>PLH</sub> Max. (us)	I <sub>O</sub> Max. (mA)	I <sub>IH</sub> Max. (mA)	Price Each		
Mfr.	Mfr. Part No.								1	10	100
863	—A5191HRTLXG-XTD	LQFP-32	1	1	5.5	0.02	.67	0.0005	10.78	9.70	7.97
863	—A5191HRTXPG-XTD	PLCC-28	1	1	5.5	0.02	.67	0.0005	10.25	9.26	7.67

### CAN High-Speed Transceivers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package Type	No. of Drivers	No. of Receivers	Vcc Max. (V)	I <sub>O</sub> Typ. (mA)	I <sub>CC</sub> Typ. (mA)	V <sub>IO</sub> Max. (mV)	Price Each		
Mfr.	Mfr. Part No.								1	10	100
863	—NCV7342D10R2G	SOIC-8	1	-	5.5	5	2.5	0.005	.90	.77	.591
863	—NCV7349D10R2G	SOIC-8	1	-	5.5	5	2.5	0.005	.96	.77	.591
863	—NCV7351D10R2G	SOIC-8	1	-	5.5	-	2.5	-	.94	.756	.581
863	—NCV7351D13R2G	SOIC-8	1	-	5.5	-	2.5	-	.94	.756	.581
863	—NCV7351D1ER2G	SOIC-8	1	-	5.5	-	2.5	-	.94	.756	.581