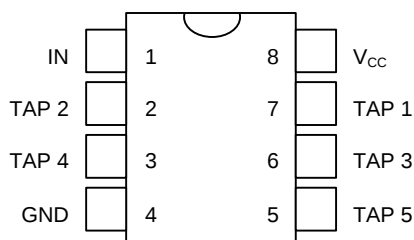


FEATURES

- All-silicon timing circuit
- 5-taps equally spaced
- Delays are stable and precise
- Both leading and trailing edge accuracy
- Improved replacement for DS1000
- Low-power CMOS
- TTL/CMOS-compatible
- Vapor phase, IR and wave solderable
- Custom delays available
- Fast turn prototypes
- Delays specified over both commercial and industrial temperature ranges

PIN ASSIGNMENT



DS1100M 8-PIN DIP (300 MIL)
 DS1100Z 8-PIN SOIC (150 MIL)
 DS1100U 8-PIN MICRO-SOP

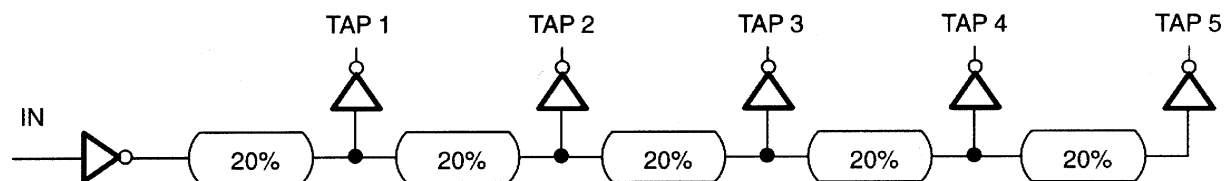
PIN DESCRIPTION

TAP 1-TAP 5	- TAP Output Number
V _{CC}	- +5 Volts
GND	- Ground
IN	- Input

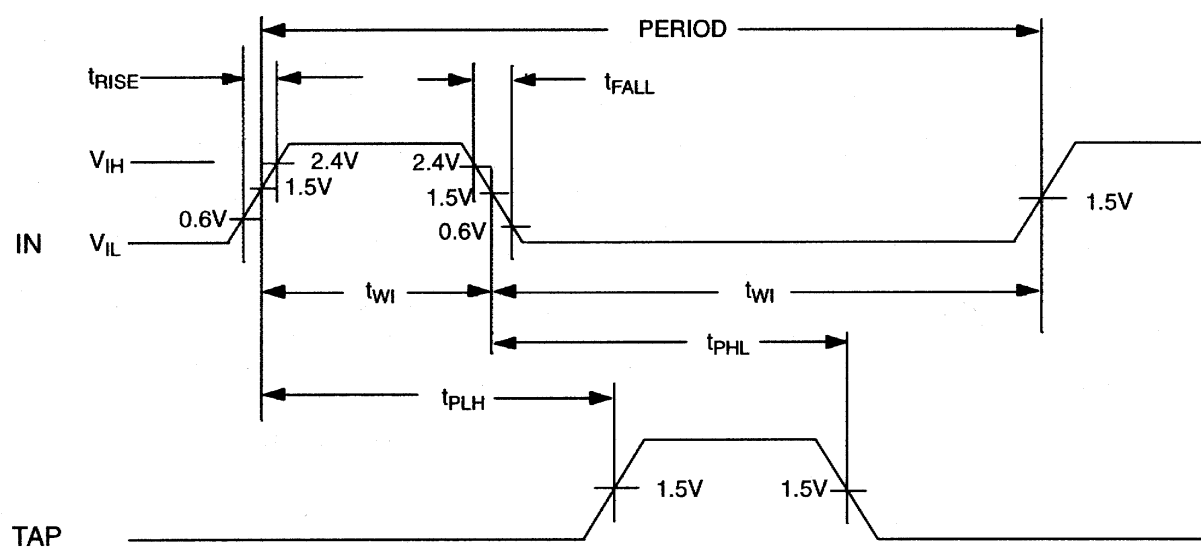
DESCRIPTION

The DS1100 series delay lines have five equally spaced taps providing delays from 4 ns to 300 ns. These devices are offered in 8-pin DIPs and surface mount packages to save PC board area. Low cost and superior reliability over hybrid technology is achieved by the combination of a 100% silicon delay line and industry standard DIP and SOIC packaging. The DS1100 5-Tap Silicon Delay Line reproduces the input logic state at the output after a fixed delay as specified by the extension of the part number after the dash. The DS1100 is designed to reproduce both leading and trailing edges with equal precision. Each tap is capable of driving up to ten 74LS loads.

Dallas Semiconductor can customize standard products to meet special needs. For special requests and rapid delivery, call (972) 371-4348.

LOGIC DIAGRAM Figure 1**DS1100 PART NUMBER DELAY TABLE (all values in ns) Table 1**

PART # DS1100	NOMINAL DELAYS				
	TAP 1	TAP 2	TAP 3	TAP 4	TAP 5
-20	4	8	12	16	20
-25	5	10	15	20	25
-30	6	12	18	24	30
-35	7	14	21	28	35
-40	8	16	24	32	40
-45	9	18	27	36	45
-50	10	20	30	40	50
-60	12	24	36	48	60
-75	15	30	45	60	75
-100	20	40	60	80	100
-125	25	50	75	100	125
-150	30	60	90	120	150
-175	35	70	105	140	175
-200	40	80	120	160	200
-250	50	100	150	200	250
-300	60	120	180	240	300

TIMING DIAGRAM: SILICON DELAY LINE Figure 2

ABSOLUTE MAXIMUM RATINGS*

Voltage on Any Pin Relative to Ground	-1.0V to +7.0V
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +125°C
Soldering Temperature	260°C for 10 seconds
Short Circuit Output Current	50 mA for 1 second

* This is a stress rating only and functional operation of the device at these or any other conditions above those indicated in the operation sections of this specification is not implied. Exposure to absolute maximum rating conditions for extended periods of time may affect reliability.

DC ELECTRICAL CHARACTERISTICS (-40°C to +85°C; $V_{CC} = 5.0V \pm 5\%$)

PARAMETER	SYM	TEST CONDITION	MIN	TYP	MAX	UNITS	NOTES
Supply Voltage	V_{CC}		4.75	5.00	5.25	V	5
High Level Input Voltage	V_{IH}		2.2		$V_{CC} = 0.5$	V	5
Low Level Input Voltage	V_{IL}		-0.5		0.8	V	5
Input Leakage Current	I_I	$0.0V \leq V_I \leq V_{CC}$	-1.0		1.0	uA	
Active Current	I_{CC}	$V_{CC} = \text{Max}; \text{Period} = \text{Min.}$		30	50	mA	6, 8
High Level Output Current	I_{OH}	$V_{CC} = \text{Min. } V_{OH} = 4$			-1	mA	
Low Level Output Current	I_{OL}	$V_{CC} = \text{Min. } V_{OL} = 0.5$	12			mA	

AC ELECTRICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}; V_{CC} = 5V \pm 5\%$)

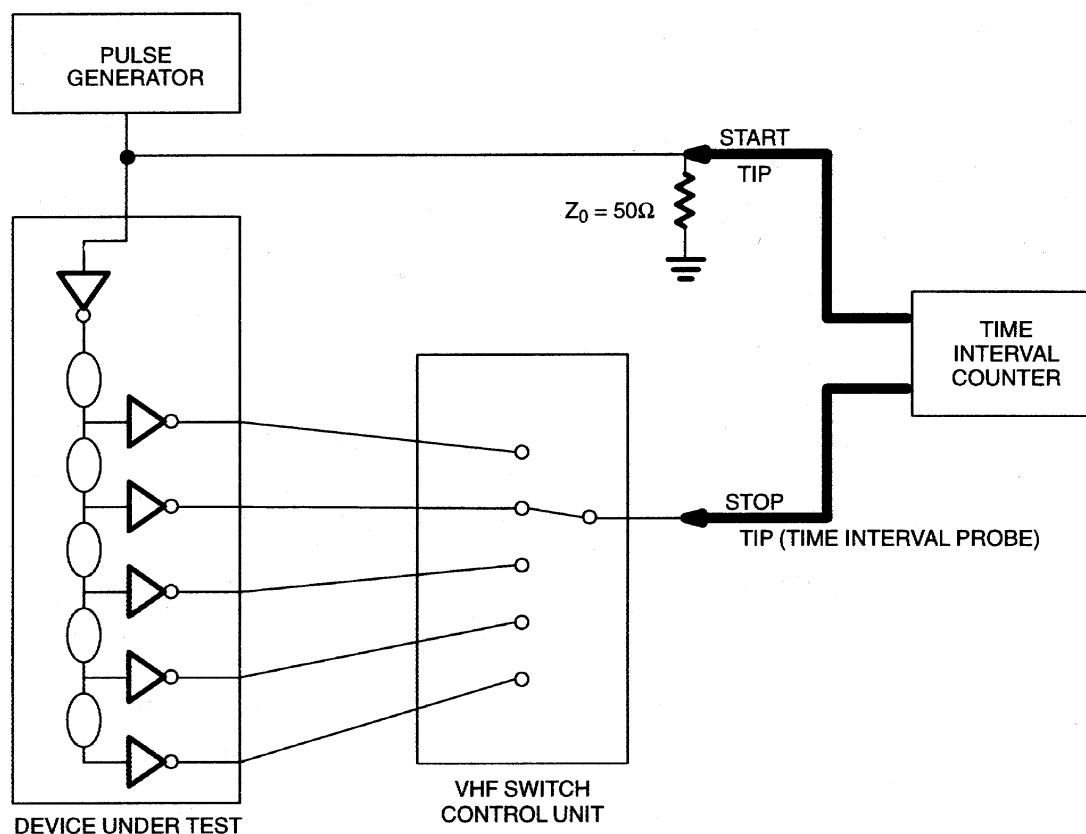
PARAMETER	SYM	TEST CONDITION	MIN	TYP	MAX	UNITS	NOTES
Input Pulse Width	t_{WI}		20% of Tap 5 t_{PLH}			ns	
Input-to-Tap Delay Tolerance (Delays ≤ 40 ns)	t_{PLH} t_{PHL}	25°C 5V	-2	Table 1	+2	ns	1, 3, 4, 7
		0°C to 70°C	-3	Table 1	+3	ns	1, 2, 3, 4, 7
		-40°C to +85°C	-4	Table 1	+4	ns	1, 2, 3, 4, 7
Input-to-Tap Delay Tolerance (Delays > 40 ns)	t_{PLH} t_{PHL}	25°C 5V	-5	Table 1	+5	%	1, 3, 4, 7
		0°C to 70°C	-3	Table 1	+3	%	1, 2, 3, 4, 7
		-40°C to +85°C	-8	Table 1	+8	%	1, 2, 3, 4, 7
Power-up Time	t_{PU}				200	us	
Input Period	Period	$2(t_{WI})$				ns	

CAPACITANCE ($T_A = 25^\circ\text{C}$)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	NOTES
Input Capacitance	C_{IN}		5	10	pF	

NOTES:

1. Initial tolerances are $\pm$ with respect to the nominal value at 25°C and 5V for both leading and trailing edge.
2. T & V tolerance is with respect to the actual measured (at 25° C and 5V) delay value over the stated temperature range, and a supply voltage range of 4.75 to 5.25V.
3. All tap delays tend to vary unidirectionally with temperature or voltage changes. For example, if TAP 1 slows down, all other taps also slow down; TAP3 can never be faster than TAP2.
4. Intermediate delay values are available on a custom basis. For further information, call (972) 371-4348.
5. All voltages are referenced to ground.
6. Measured with outputs open.
7. See "Test Conditions" section at the end of this data sheet.
8. I_{CC} values apply to a -20 operating at 1MHz. Longer delays will consume less current.

TESTCIRCUIT Figure 3

TERMINOLOGY

Period: The time elapsed between the leading edge of the first pulse and the leading edge of the following pulse.

t_{WI} (Pulse Width): The elapsed time on the pulse between the 1.5V point on the leading edge and the 1.5V point on the trailing edge or the 1.5V point on the trailing edge and the 1.5V point on the leading edge.

t_{RISE} (Input Rise Time): The elapsed time between the 20% and the 80% point on the leading edge of the input pulse.

t_{FALL} (Input Fall Time): The elapsed time between the 80% and the 20% point on the trailing edge of the input pulse.

t_{PLH} (Time Delay, Rising): The elapsed time between the 1.5V point on the leading edge of the input pulse and the 1.5V point on the leading edge of any tap output pulse.

t_{PHL} (Time Delay, Falling): The elapsed time between the 1.5V point on the trailing edge of the input pulse and the 1.5V point on the trailing edge of any tap output pulse.

TEST SETUP DESCRIPTION

Figure 3 illustrates the hardware configuration used for measuring the timing parameters on the DS1100. The input waveform is produced by a precision pulse generator under software control. Time delays are measured by a time interval counter (20 ps resolution) connected between the input and each tap. Each tap is selected and connected to the counter by a VHF switch control unit. All measurements are fully automated, with each instrument controlled by a central computer over an IEEE 488 bus.

TEST CONDITIONS INPUT :

Ambient Temperature:	25°C $\pm$ 3°C
Supply Voltage (V_{CC}):	5.0V $\pm$ 0.1V
Input Pulse:	High = 3.0V $\pm$ 0.1V Low = 0.0V $\pm$ 0.1V
Source Impedance:	50 Ohm Max.
Rise and Fall Time:	3.0 ns Max. (measured between 0.6V and 2.4V)
Pulse Width:	500 ns
Period:	1 μ s

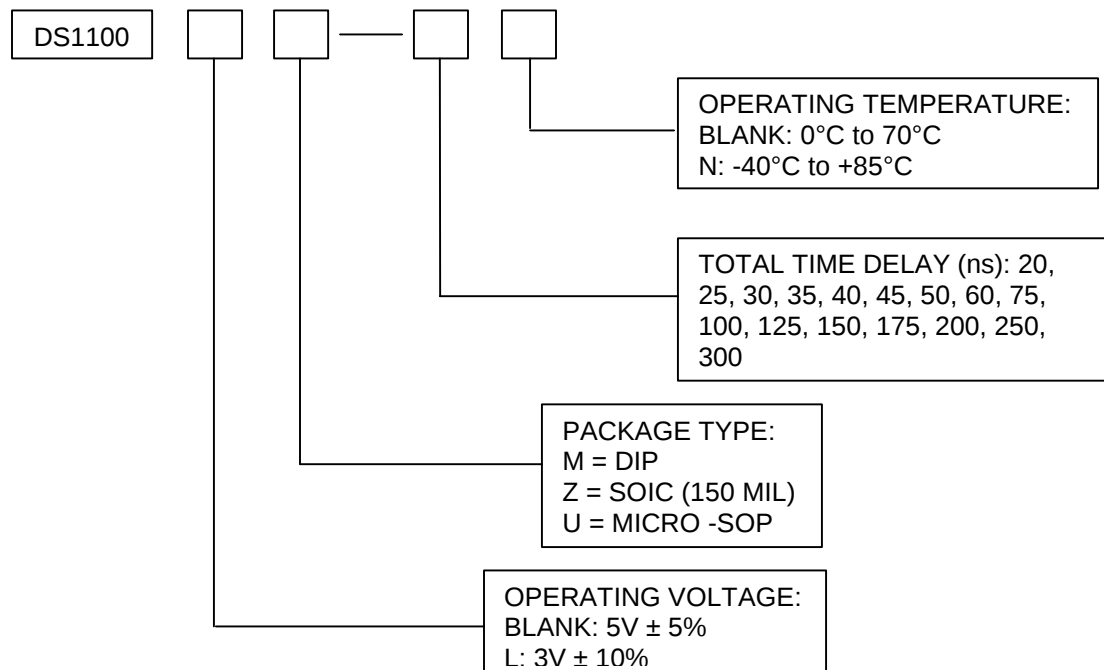
OUTPUT:

Each output is loaded with the equivalent of one 74F04 input gate. Delay is measured at the 1.5V level on the rising and falling edge.

NOTE:

Above conditions are for test only and do not restrict the operation of the device under other data sheet conditions.

ORDERING INFORMATION



DEVICE	PACKAGES	OPERATING TEMP. RANGE (CELSIUS)	ORDERING NUMBER	SPEED OR VERSION
DS0621	Software		DS0621-SDK	
DS1000	14-Pin DIP	0 to 70	DS1000-xxx	xxx = 20 to 500 ns
	8-Pin DIP	0 to 70	DS1000M-xxx	xxx = 20 to 500 ns
	16-Pin SOIC	0 to 70	DS1000S-xxx	xxx = 20 to 500 ns
	16-Pin SOIC T&R	0 to 70	DS1000S-xxx/T&R	xxx = 20 to 500 ns
	8-Pin SOIC	0 to 70	DS1000Z-xxx	xxx = 20 to 500 ns
	8-Pin SOIC T&R	0 to 70	DS1000Z-xxx/T&R	xxx = 20 to 500 ns
DS1000-IND	8-Pin DIP	-40 to +85	DS1000M-xxxN	xxx = 20 to 500 ns
	8-Pin SOIC	-40 to +85	DS1000Z-xxxN	xxx = 20 to 500 ns
	8-Pin SOIC T&R	-40 to +85	DS1000Z-xxxN/T&R	xxx = 20 to 500 ns
	14-Pin DIP	-40 to +85	DS1000-xxx IND	xxx = 20 to 500 ns
DS1004	8-Pin DIP	0 to 70	DS1004M-2	13 ns total delay
	8-Pin DIP	0 to 70	DS1004M-3	17 ns total delay
	8-Pin DIP	0 to 70	DS1004M-4	21 ns total delay
	8-Pin DIP	0 to 70	DS1004M-5	25 ns total delay
	8-Pin SOIC	0 to 70	DS1004Z-2	13 ns total delay
	8-Pin SOIC T&R	0 to 70	DS1004Z-2/T&R	13 ns total delay
	8-Pin SOIC	0 to 70	DS1004Z-3	17 ns total delay
	8-Pin SOIC T&R	0 to 70	DS1004Z-3/T&R	17 ns total delay
	8-Pin SOIC	0 to 70	DS1004Z-4	21 ns total delay
	8-Pin SOIC T&R	0 to 70	DS1004Z-4/T&R	21 ns total delay
	8-Pin SOIC	0 to 70	DS1004Z-5	25 ns total delay
	8-Pin SOIC T&R	0 to 70	DS1004Z-5/T&R	25 ns total delay
DS1005	14-Pin DIP	0 to 70	DS1005-xxx	xxx = 60 to 250 ns
	8-Pin DIP	0 to 70	DS1005M-xxx	xxx = 60 to 250 ns
	16-Pin SOIC	0 to 70	DS1005S-xxx	xxx = 60 to 250 ns
	16-Pin SOIC T&R	0 to 70	DS1005S-xxx/T&R	xxx = 60 to 250 ns
DS1007	16-Pin DIP	0 to 70	DS1007-xxx	xxx = 1 to 14
	16-Pin SOIC	0 to 70	DS1007S-xxx	xxx = 1 to 14
	16-Pin SOIC T&R	0 to 70	DS1007S-xxx/T&R	xxx = 1 to 14
DS1010	14-Pin DIP	0 to 70	DS1010-xxx	xxx = 50 to 500 ns
	16-Pin SOIC	0 to 70	DS1010S-xxx	xxx = 50 to 500 ns
	16-Pin SOIC T&R	0 to 70	DS1010S-xxx/T&R	xxx = 50 to 500 ns
DS1013	14-Pin DIP	0 to 70	DS1013-xxx	xxx = 10 to 200 ns
	8-Pin DIP	0 to 70	DS1013M-xxx	xxx = 10 to 200 ns
	16-Pin SOIC	0 to 70	DS1013S-xxx	xxx = 10 to 200 ns
	16-Pin SOIC T&R	0 to 70	DS1013S-xxx/T&R	xxx = 10 to 200 ns

DS1020	16-Pin DIP	0 to 70	DS1020-15	0.15 ns Steps
	16-Pin DIP	0 to 70	DS1020-25	0.25 ns Steps
	16-Pin DIP	0 to 70	DS1020-50	0.50 ns Steps
	16-Pin DIP	0 to 70	DS1020-100	1.00 ns Steps
	16-Pin DIP	0 to 70	DS1020-200	2.00 ns Steps
	16-Pin SOIC	0 to 70	DS1020S-15	0.15 ns Steps
	16-Pin SOIC T&R	0 to 70	DS1020S-15/T&R	0.15 ns Steps
	16-Pin SOIC	0 to 70	DS1020S-25	0.25 ns Steps
	16-Pin SOIC T&R	0 to 70	DS1020S-25/T&R	0.25 ns Steps
	16-Pin SOIC	0 to 70	DS1020S-50	0.50 ns Steps
	16-Pin SOIC T&R	0 to 70	DS1020S-50/T&R	0.50 ns Steps
	16-Pin SOIC	0 to 70	DS1020S-100	1.00 ns Steps
	16-Pin SOIC	0 to 70	DS1020S-200	2.00 ns Steps
DS1021	16-Pin SOIC	0 to 70	DS1021S-25	0.25 ns Steps
	16-Pin SOIC T&R	0 to 70	DS1021S-25/T&R	0.25 ns Steps
	16-Pin SOIC	0 to 70	DS1021S-50	0.50 ns Steps
	16-Pin SOIC T&R	0 to 70	DS1021S-25/T&R	0.50 ns Steps
DS1023	16-Pin DIP	0 to 70	DS1023-25	0.25 ns Steps
	16-Pin DIP	0 to 70	DS1023-50	0.50 ns Steps
	16-Pin DIP	0 to 70	DS1023-100	1.00 ns Steps
	16-Pin DIP	0 to 70	DS1023-200	2.00 ns Steps
	16-Pin DIP	0 to 70	DS1023-500	5.00 ns Steps
	16-Pin SOIC	0 to 70	DS1023S-25	0.25 ns Steps
	16-Pin SOIC	0 to 70	DS1023S-50	0.50 ns Steps
	16-Pin SOIC	0 to 70	DS1023S-100	1.00 ns Steps
	16-Pin SOIC	0 to 70	DS1023S-200	2.00 ns Steps
	16-Pin SOIC	0 to 70	DS1023S-500	5.00 ns Steps
DS1033	8-Pin DIP	0 to 70	DS1033M-xxx	xxx = 8 to 030 ns
	8-Pin SOIC	0 to 70	DS1033Z-xxx	xxx = 8 to 030 ns
	8-Pin SOIC T&R	0 to 70	DS1033Z-xxx/T&R	xxx = 8 to 030 ns
DS1035	8-Pin DIP	0 to 70	DS1035M-xxx	xxx = 6 to 030 ns
	8-Pin SOIC	0 to 70	DS1035Z-xxx	xxx = 6 to 030 ns
	8-Pin SOIC T&R	0 to 70	DS1035Z-xxx/T&R	xxx = 6 to 030 ns
DS1040	8-Pin DIP	0 to 70	DS1040M-75	75 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-100	100 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-150	150 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-200	200 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-250	250 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-500	500 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-B50	50 ns max pulse width

	8-Pin DIP	0 to 70	DS1040M-D60	60 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-A15	15 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-A20	20 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-A32	32.5 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-B40	40 ns max pulse width
	8-Pin DIP	0 to 70	DS1040M-D70	70 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-75	75 ns max pulse width
	8-Pin SOIC T&R	0 to 70	DS1040Z-75/T&R	75 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-100	100 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-150	150 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-200	200 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-250	250 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-500	500 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-B50	50 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-D60	60 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-A15	15 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-A20	20 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-A32	32.5 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-B40	40 ns max pulse width
	8-Pin SOIC	0 to 70	DS1040Z-D70	70 ns max pulse width
DS1044	14-Pin DIP	0 to 70	DS1044-xxx	xxx = 5 to 25 ns
	14-Pin SOIC	0 to 70	DS1044R-xxx	xxx = 5 to 25 ns
	14-Pin SOIC T&R	0 to 70	DS1044R-xxx/T&R	xxx = 5 to 25 ns
DS1045	16-Pin DIP	0 to 70	DS1045-3	3 ns Steps
	16-Pin DIP	0 to 70	DS1045-4	4 ns Steps
	16-Pin DIP	0 to 70	DS1045-5	5 ns Steps
	16-Pin SOIC	0 to 70	DS1045S-3	3 ns Steps
	16-Pin SOIC	0 to 70	DS1045S-4	4 ns Steps
	16-Pin SOIC T&R	0 to 70	DS1045S-4/T&R	4ns Steps
	16-Pin SOIC	0 to 70	DS1045S-5	5 ns Steps
	PCB KIT	25	DS1075K	Programming Kit
	8-Pin DIP	0 to 70	DS1075M-060	Ref Frequency 60 MHz
DS1050M	8-pin DIP	-40 to +85	DS1050M-1	1.000KHz
	8-pin DIP	-40 to +85	DS1050M-10	10.000KHz
	8-pin DIP	-40 to +85	DS1050M-5	5.000KHz
DS1050U	8-pin μ SOP	-40 to +85	DS1050U-1	1.000KHz
	8-pin μ SOP	-40 to +85	DS1050U-10	10.000KHz
	8-pin μ SOP	-40 to +85	DS1050U-5	5.000KHz
DS1050Z	8-pin SOIC	-40 to +85	DS1050Z-1	1.000KHz
	8-pin SOIC	-40 to +85	DS1050Z-10	10.000KHz
	8-pin SOIC	-40 to +85	DS1050Z-5	5.000KHz

DS1065T	3-pin TO-92	0 to 70	DS1065T-100	50.000MHz
	3-pin TO-92	0 to 70	DS1065T-60	30.000MHz
	3-pin TO-92	0 to 70	DS1065T-66	33.333MHz
	3-pin TO-92	0 to 70	DS1065T-80	40.000MHz
DS1073M	8-pin DIP	-40 to +85	DS1073M-100	50.000MHz
	8-pin DIP	-40 to +85	DS1073M-60	30.000MHz
	8-pin DIP	-40 to +85	DS1073M-66	33.333MHz
	8-pin DIP	-40 to +85	DS1073M-80	40.000MHz
DS1073Z	8-pin SOIC	-40 to +85	DS1073Z-100	50.000MHz
	8-pin SOIC	-40 to +85	DS1073Z-270	2.703 MHz
	8-pin SOIC	-40 to +85	DS1073Z-60	30.000MHz
	8-pin SOIC	-40 to +85	DS1073Z-66	33.333MHz
	8-pin SOIC	-40 to +85	DS1073Z-701	4.545 MHz
	8-pin SOIC	-40 to +85	DS1073Z-80	40.000MHz
	8-pin SOIC	-40 to +85	DS1073Z-901	50.000KHz
DS1075M	8-pin DIP	0 to 70	DS1075M-080	40.000MHz
	8-pin DIP	-40 to +85	DS1075M-080N	40.000MHz
	8-pin DIP	0 to 70	DS1075M-100	50.000MHz
	8-pin DIP	0 to 70	DS1075M-60	30.000MHz
	8-pin DIP	-40 to +85	DS1075M-60N	30.000MHz
	8-pin DIP	0 to 70	DS1075M-66	33.333MHz
DS1075Z	8-pin DIP	-40 to +85	DS1075M-66N	33.333MHz
	8-pin SOIC	-40 to +85	DS1075M-100N	50.000MHz
	8-pin SOIC	0 to 70	DS1075Z-060	30.000MHz
	8-pin SOIC	-40 to +85	DS1075Z-060N	30.000MHz
	8-pin SOIC	0 to 70	DS1075Z-066	33.333MHz
	8-pin SOIC	-40 to +85	DS1075Z-066N	33.333MHz
	8-pin SOIC	0 to 70	DS1075Z-080	40.000MHz
	8-pin SOIC	-40 to +85	DS1075Z-080N	40.000MHz
	8-pin SOIC	0 to 70	DS1075Z-100	50.000MHz
	8-pin SOIC	0 to 70	DS1075Z-801	80.000MHz
	8-pin SOIC	0 to 70	DS1075Z-802	40.000KHz
	8-pin SOIC	0 to 70	DS1075Z-803	22.222 MHz
DS1077M	8-pin DIP	0 to 70	DS1077M-100	50.000MHz
	8-pin DIP	0 to 70	DS1077M-120	60.000MHz
	8-pin DIP	0 to 70	DS1077M-125	62.500MHz
	8-pin DIP	0 to 70	DS1077M-133	66.666MHz
	8-pin DIP	0 to 70	DS1077M-66	33.333MHz
DS1077U	8-pin μ SOP	0 to 70	DS1077U-100	50.000MHz

	8-pin μ SOP	0 to 70	DS1077U-120	60.000MHz
	8-pin μ SOP	0 to 70	DS1077U-125	62.500MHz
	8-pin μ SOP	0 to 70	DS1077U-133	66.666MHz
	8-pin μ SOP	0 to 70	DS1077U-66	33.333MHz
DS1077Z	8-pin SOIC	0 to 70	DS1077Z-100	50.000MHz
	8-pin SOIC	0 to 70	DS1077Z-120	60.000MHz
	8-pin SOIC	0 to 70	DS1077Z-125	62.500MHz
	8-pin SOIC	0 to 70	DS1077Z-133	66.666MHz
	8-pin SOIC	0 to 70	DS1077Z-66	33.333MHz
DS1100	8-Pin DIP	-40 to +85	DS1100M-xxx	xxx = 20 to 300
	8-Pin Micro SOP	-40 to +85	DS1100U-xxx	xxx = 20 to 300
	8-Pin Micro SOP T&R	-40 to +85	DS1100U-xxx/T&R	xxx = 20 to 300
	8-Pin SOIC	-40 to +85	DS1100Z-xxx	xxx = 20 to 300
	8-Pin SOIC T&R	-40 to +85	DS1100Z-xxx/T&R	xxx = 20 to 300
DS1100L	8-pin DIP	-40 to +85	DS1100LM-xxx	xxx = 20 to 300, 3V
	8-Pin Micro SOP	-40 to +85	DS1100LU-xxx	xxx = 20 to 300, 3V
	8-Pin Micro SOP T&R	-40 to +85	DS1100LU-xxx/T&R	xxx = 20 to 300, 3V
	8-Pin SOIC	-40 to +85	DS1100LZ-xxx	xxx = 20 to 300, 3V
	8-Pin SOIC T&R	-40 to +85	DS1100LZ-xxx/T&R	xxx = 20 to 300, 3V
DS1135	8-pin DIP	-40 to +85	DS1135M-xxx	xxx = 6 to 30
	8-Pin Micro SOP	-40 to +85	DS1135U-xxx	xxx = 6 to 30
	8-Pin Micro SOP T&R	-40 to +85	DS1135U-xxx/T&R	xxx = 6 to 30
	8-Pin SOIC	-40 to +85	DS1135Z-xxx	xxx = 6 to 30
	8-Pin SOIC T&R	-40 to +85	DS1135Z-xxx/T&R	xxx = 6 to 30
DS1210	8 Pin DIP 300mil	0C to +70C	DS1210	
	8 Pin DIP 300mil	-40C to +85C	DS1210N	
	16 Pin SO 300mil	0C to +70C	DS1210S	
	16 Pin SO 300mil	-40C to +85C	DS1210SN	
DS1211	20 Pin DIP 300mil	0C to +70C	DS1211	
	20 Pin DIP 300mil	-40C to +85C	DS1211N	
	20 Pin SO 300mil	0C to +70C	DS1211S	
	20 Pin SO 300mil	-40C to +85C	DS1211SN	
DS1212	28 Pin DIP 600mil	0C to +70C	DS1212	
	28 Pin DIP 600mil	-40C to +85C	DS1212N	
	28 Pin PLCC	0C to +70C	DS1212Q	
	28 Pin PLCC	-40C to +85C	DS1212QN	
DS1213B	Socket	0 to 70	DS1213B	Holds 2KB/8KB SRAM
DS1213C	Socket	0 to 70	DS1213C	Holds 32KB SRAM

DS1213D	Socket	0 to 70	DS1213D	Holds 128KB SRAM
DS1216B	28-Pin Socket	0 to 70	DS1216B	16K/64K RAM
DS1216C	28-Pin Socket	0 to 70	DS1216C	64K/256K RAM
DS1216D	32-Pin Socket	0 to 70	DS1216D	256K/1M RAM, 5 volt
	32-Pin Socket	0 to 70	DS1216D-33	256K/1M RAM, 3.3 volt
DS1216E	28-Pin Socket	0 to 70	DS1216E	64K/256K ROM, 5 volt
	28-Pin Socket	0 to 70	DS1216E-3	64K/256K ROM, 3 volt
DS1216F	32-Pin Socket	0 to 70	DS1216F	64K/256K/1M ROM, 5 volt
	32-Pin Socket	0 to 70	DS1216F-3	64K/256K/1M ROM, 3 volt
	32-Pin Socket	0 to 70	DS1216H	4M RAM, 5 volt
	32-Pin Socket	0 to 70	DS1216H-33	4M RAM, 3.3 volt
DS1216F-3	32-Pin Socket	0 to 70	DS1216F-3	64/256K/1M ROM, 3 volt
DS1217A		0 to 70	DS1217A 128K-25	128K Bit Density
		0 to 70	DS1217A 16K-25	16K Bit Density
		0 to 70	DS1217A 192K-25	192K Bit Density
		0 to 70	DS1217A 256K-25	256K Bit Density
		0 to 70	DS1217A 64K-25	64K Bit Density
DS1217M		0 to 70	DS1217M 1-15	1 Megabit Density
		0 to 70	DS1217M 2-25	2 Megabit Density
		0 to 70	DS1217M 3-25	3 Megabit Density
		0 to 70	DS1217M 4-25	4 Megabit Density
		0 to 70	DS1217M 512-25	512K Bit Density
DS1218	8 Pin DIP 300mil	0C to +70C	DS1218	
	8 Pin SO 150mil	0C to +70C	DS1218S	
DS1220AB/AD	24-Pin Encap. DIP	0 to 70	DS1220AB-100	5% tol. 100 ns
	24-Pin Encap. DIP	-40 to +85	DS1220AB-100-IND	5% tol. 100 ns
	24-Pin Encap. DIP	0 to 70	DS1220AB-120	5% tol. 120 ns
	24-Pin Encap. DIP	0 to 70	DS1220AB-150	5% tol. 150 ns
	24-Pin Encap. DIP	0 to 70	DS1220AB-200	5% tol. 200 ns
	24-Pin Encap. DIP	-40 to +85	DS1220AB-200-IND	5% tol. 200 ns
	24-Pin Encap. DIP	0 to 70	DS1220AD-100	10% tol. 100 ns
	24-Pin Encap. DIP	-40 to +85	DS1220AD-100-IND	10% tol. 100 ns
	24-Pin Encap. DIP	0 to 70	DS1220AD-120	10% tol. 120 ns
	24-Pin Encap. DIP	0 to 70	DS1220AD-150	10% tol. 150 ns
	24-Pin Encap. DIP	0 to 70	DS1220AD-200	10% tol. 200 ns
	24-Pin Encap. DIP	-40 to +85	DS1220AD-200-IND	10% tol. 200 ns
DS1220Y	24-Pin Encap. DIP	0 to 70	DS1220Y-100	10% tol. 100 ns
	24-Pin Encap. DIP	-40 to +85	DS1220Y-100-IND	10% tol. 100 ns
	24-Pin Encap. DIP	0 to 70	DS1220Y-120	10% tol. 120 ns
	24-Pin Encap. DIP	0 to 70	DS1220Y-150	10% tol. 150 ns

	24-Pin Encap. DIP	0 to 70	DS1220Y-200	10% tol. 200 ns
	24-Pin Encap. DIP	-40 to +85	DS1220Y-200-IND	10% tol. 200 ns
DS1221	16 Pin DIP 300mil	0C to +70C	DS1221	
	16 Pin DIP 300mil	-40C to +85C	DS1221N	
	16 Pin SO 300mil	0C to +70C	DS1221S	
	16 Pin SO 300mil	-40C to +85C	DS1221SN	
DS1222	14 Pin DIP 300mil	0C to +70C	DS1222	
	14 Pin DIP 300mil	-40C to +85C	DS1222N	
	16 Pin SO 300mil	0C to +70C	DS1222S	
	16 Pin SO 300mil	-40C to +85C	DS1222SN	
DS1225AB/AD	28-Pin Encap. DIP	0 to 70	DS1225AB-150	5% tol. 150 ns
	28-Pin Encap. DIP	-40 to +85	DS1225AB-150-IND	5% tol. 150 ns
	28-Pin Encap. DIP	0 to 70	DS1225AB-170	5% tol. 170 ns
	28-Pin Encap. DIP	0 to 70	DS1225AB-200	5% tol. 200 ns
	28-Pin Encap. DIP	-40 to +85	DS1225AB-200-IND	5% tol. 200 ns
	28-Pin Encap. DIP	0 to 70	DS1225AB-85	5% tol. 85 ns
	28-Pin Encap. DIP	0 to 70	DS1225AD-150	10% tol. 150 ns
	28-Pin Encap. DIP	-40 to +85	DS1225AD-150-IND	10% tol. 150 ns
	28-Pin Encap. DIP	0 to 70	DS1225AD-170	10% tol. 170 ns
	28-Pin Encap. DIP	0 to 70	DS1225AD-200	10% tol. 200 ns
	28-Pin Encap. DIP	-40 to +85	DS1225AD-200-IND	10% tol. 200 ns
	28-Pin Encap. DIP	0 to 70	DS1225AD-85	10% tol. 85 ns
DS1225Y	28-Pin Encap. DIP	0 to 70	DS1225Y-150	10% tol. 150 ns
	28-Pin Encap. DIP	-40 to +85	DS1225Y-150-IND	10% tol. 150 ns
	28-Pin Encap. DIP	0 to 70	DS1225Y-170	10% tol. 170 ns
	28-Pin Encap. DIP	0 to 70	DS1225Y-200	10% tol. 200 ns
	28-Pin Encap. DIP	-40 to +85	DS1225Y-200-IND	10% tol. 200 ns
DS1230W	28-Pin Encap. DIP	0 to 70	DS1230W-100	3.3V 100 ns
	28-Pin Encap. DIP	0 to 70	DS1230W-150	3.3V 150 ns
	34-Pin PowerCap	0 to 70	DS1230WP-100	3.3V 100 ns
	34-Pin PowerCap	0 to 70	DS1230WP-150	3.3V 150 ns
DS1230Y/AB	28-Pin Encap. DIP	0 to 70	DS1230AB-100	5% tol. 100 ns
	28-Pin Encap. DIP	0 to 70	DS1230AB-120	5% tol. 120 ns
	28-Pin Encap. DIP	-40 to +85	DS1230AB-120-IND	5% tol. 120 ns
	28-Pin Encap. DIP	0 to 70	DS1230AB-150	5% tol. 150 ns
	28-Pin Encap. DIP	0 to 70	DS1230AB-200	5% tol. 200 ns
	28-Pin Encap. DIP	-40 to +85	DS1230AB-200-IND	5% tol. 200 ns
	28-Pin Encap. DIP	0 to 70	DS1230AB-70	5% tol. 70 ns
	28-Pin Encap. DIP	-40 to +85	DS1230AB-70-IND	5% tol. 70 ns
	28-Pin Encap. DIP	0 to 70	DS1230AB-85	5% tol. 85 ns

	34-Pin PowerCap	0 to 70	DS1230ABP-100	5% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1230ABP-70	5% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1230ABP-70-IND	5% tol. 70 ns
	28-Pin Encap. DIP	0 to 70	DS1230Y-100	10% tol. 100 ns
	28-Pin Encap. DIP	0 to 70	DS1230Y-120	10% tol. 120 ns
	28-Pin Encap. DIP	-40 to +85	DS1230Y-120-IND	10% tol. 120 ns
	28-Pin Encap. DIP	0 to 70	DS1230Y-150	10% tol. 150 ns
	28-Pin Encap. DIP	0 to 70	DS1230Y-200	10% tol. 200 ns
	28-Pin Encap. DIP	-40 to +85	DS1230Y-200-IND	10% tol. 200 ns
	28-Pin Encap. DIP	0 to 70	DS1230Y-70	10% tol. 70 ns
	28-Pin Encap. DIP	-40 to +85	DS1230Y-70-IND	10% tol. 70 ns
	28-Pin Encap. DIP	0 to 70	DS1230Y-85	10% tol. 85 ns
	34-Pin PowerCap	0 to 70	DS1230YP-100	10% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1230YP-70	10% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1230YP-70-IND	10% tol. 70 ns
DS1231	8 Pin DIP 300mil	0C to +70C	DS1231-20	200mV Hysteresis
	8 Pin DIP 300mil	-40C to +85C	DS1231-20N	200mV Hysteresis
	8 Pin DIP 300mil	0C to +70C	DS1231-35	350mV Hysteresis
	8 Pin DIP 300mil	-40C to +85C	DS1231-35N	350mV Hysteresis
	8 Pin DIP 300mil	0C to +70C	DS1231-50	500mV Hysteresis
	8 Pin DIP 300mil	-40C to +85C	DS1231-50N	500mV Hysteresis
	16 Pin SO 300mil	0C to +70C	DS1231S-20	200mV Hysteresis
	16 Pin SO 300mil	-40C to +85C	DS1231S-20N	200mV Hysteresis
	16 Pin SO 300mil	0C to +70C	DS1231S-35	350mV Hysteresis
	16 Pin SO 300mil	0C to +70C	DS1231S-50	500mV Hysteresis
	16 Pin SO 300mil	-40C to +85C	DS1231S-50N	500mV Hysteresis
DS1232	8 Pin DIP 300mil	0C to +70C	DS1232	
	8 Pin DIP 300mil	-40C to +85C	DS1232N	
	16 Pin SO 300mil	0C to +70C	DS1232S	
	16 Pin SO 300mil	-40C to +85C	DS1232SN	
DS1232LP	8 Pin DIP 300mil	0C to +70C	DS1232LP	
	8 Pin DIP 300mil	-40C to +85C	DS1232LPN	
	16 Pin SO 300mil	0C to +70C	DS1232LPS	
	8 Pin SO 150mil	0C to +70C	DS1232LPS-2	
	16 Pin SO 300mil	-40C to +85C	DS1232LPSN	
	8 Pin SO 150mil	-40C to +85C	DS1232LPSN-2	
	μ-SOP	0C to +70C	DS1232LPU	
	FlipChipPkg/T&R	0C to +70C	DS1232LPX/T&R	
DS1233	TO-92	-40C to +85C	DS1233-10	5V-10% Monitor
	TO-92	-40C to +85C	DS1233-15	5V-15% Monitor
	TO-92	-40C to +85C	DS1233-5	5V-5% Monitor
	SOT-223	-40C to +85C	DS1233Z-10	5V-10% Monitor

	SOT-223	-40C to +85C	DS1233Z-15	5V-15% Monitor
	SOT-223	-40C to +85C	DS1233Z-5	5V-5% Monitor
DS1233A	TO-92	-40C to +85C	DS1233A-10	3.3V-10% Monitor
	TO-92	-40C to +85C	DS1233A-15	3.3V-15% Monitor
	SOT-223	-40C to +85C	DS1233AZ-10	3.3V-10% Monitor
	SOT-223	-40C to +85C	DS1233AZ-15	3.3V-15% Monitor
DS1233D	TO-92	-40C to +85C	DS1233D-10	5V-10% Monitor
	TO-92	-40C to +85C	DS1233D-15	5V-15% Monitor
	TO-92	-40C to +85C	DS1233D-5	5V-5% Monitor
	SOT-223	-40C to +85C	DS1233DZ-10	5V-10% Monitor
	SOT-223	-40C to +85C	DS1233DZ-15	5V-15% Monitor
	SOT-223	-40C to +85C	DS1233DZ-5	5V-5% Monitor
DS1233M	TO-92	-40C to +85C	DS1233M-3	3.3V-15% Monitor
	TO-92	-40C to +85C	DS1233M-5	5V-10% Monitor
	TO-92	-40C to +85C	DS1233M-55	5V-5% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1233MS-3	3.3V-15% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1233MS-5	5V-10% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1233MS-55	5V-5% Monitor
DS1236	16 Pin DIP 300mil	0C to +70C	DS1236-10	5V-10% Monitor
	16 Pin DIP 300mil	0C to +70C	DS1236-5	5V-5% Monitor
	16 Pin DIP 300mil	-40C to +85C	DS1236N-10	5V-10% Monitor
	16 Pin DIP 300mil	-40C to +85C	DS1236N-5	5V-5% Monitor
	16 Pin SO 300mil	0C to +70C	DS1236S-10	5V-10% Monitor
	16 Pin SO 300mil	-40C to +85C	DS1236S-10N	5V-10% Monitor
	16 Pin SO 300mil	0C to +70C	DS1236S-5	5V-5% Monitor
	16 Pin SO 300mil	-40C to +85C	DS1236S-5N	5V-5% Monitor
DS1236A	16 Pin DIP 300mil	0C to +70C	DS1236A-10	5V-10% Monitor
	16 Pin DIP 300mil	-40C to +85C	DS1236A-10N	5V-10% Monitor
	16 Pin DIP 300mil	0C to +70C	DS1236A-5	5V-5% Monitor
	16 Pin DIP 300mil	-40C to +85C	DS1236A-5N	5V-5% Monitor
	16 Pin SO 300mil	0C to +70C	DS1236AS-10	5V-10% Monitor
	16 Pin SO 300mil	-40C to +85C	DS1236AS-10N	5V-10% Monitor
	16 Pin SO 300mil	0C to +70C	DS1236AS-5	5V-5% Monitor
	16 Pin SO 300mil	-40C to +85C	DS1236AS-5N	5V-5% Monitor
DS1238	16 Pin DIP 300mil	0C to +70C	DS1238-10	5V-10% Monitor
	16 Pin DIP 300mil	-40C to +85C	DS1238-10N	5V-10% Monitor
	16 Pin DIP 300mil	0C to +70C	DS1238-5	5V-5% Monitor
	16 Pin SO 300mil	0C to +70C	DS1238S-10	5V-10% Monitor
	16 Pin SO 300mil	0C to +70C	DS1238S-5	5V-5% Monitor

DS1238A	16 Pin DIP 300mil	0C to +70C	DS1238A-10	5V-10% Monitor
	16 Pin DIP 300mil	-40C to +85C	DS1238A-10N	5V-10% Monitor
	16 Pin DIP 300mil	0C to +70C	DS1238A-5	5V-5% Monitor
	16 Pin SO 300mil	0C to +70C	DS1238AS-10	5V-10% Monitor
	16 Pin SO 300mil	0C to +70C	DS1238AS-5	5V-5% Monitor
DS1239	16 Pin DIP 300mil	0C to +70C	DS1239-10	5V-10% Monitor
	16 Pin DIP 300mil	0C to +70C	DS1239-5	5V-5% Monitor
	16 Pin SO 300mil	0C to +70C	DS1239S-10	5V-10% Monitor
	16 Pin SO 300mil	0C to +70C	DS1239S-5	5V-5% Monitor
	16 Pin SO 300mil	-40C to +85C	DS1239S-5N	5V-5% Monitor
DS1243Y	28-Pin Encap. DIP	0 to 70	DS1243Y	200 ns
	28-Pin Encap. DIP	0 to 70	DS1243Y-120	120 ns
	28-Pin Encap. DIP	0 to 70	DS1243Y-150	150 ns
DS1244	28-Pin Encap. DIP	0 to 70	DS1244W-120	3.3 volt, 120 ns
	28-Pin Encap. DIP	0 to 70	DS1244W-150	3.3 volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1244WP-120	3.3 volt 120 ns
	34-Pin PowerCap	0 to 70	DS1244WP-150	3.3 volt, 150 ns
	28-Pin Encap. DIP	0 to 70	DS1244Y	5 volt, 200 ns
	28-Pin Encap. DIP	0 to 70	DS1244Y-100	5 volt, 100 ns
	28-Pin Encap. DIP	0 to 70	DS1244Y-120	5 volt, 120 ns
	28-Pin Encap. DIP	0 to 70	DS1244Y-150	5 volt,150 ns
	28-Pin Encap. DIP	0 to 70	DS1244Y-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1244YP-100	5 volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1244YP-70	5 volt, 70 ns
DS1245W	32-Pin Encap. DIP	0 to 70	DS1245W-100	3.3V 100 ns
	32-Pin Encap. DIP	0 to 70	DS1245W-150	3.3V 150 ns
	34-Pin PowerCap	0 to 70	DS1245WP-100	3.3V 100 ns
	34-Pin PowerCap	0 to 70	DS1245WP-150	3.3V 150 ns
DS1245Y/AB	32-Pin Encap. DIP	0 to 70	DS1245AB-100	5% tol. 100 ns
	32-Pin Encap. DIP	0 to 70	DS1245AB-120	5% tol. 120 ns
	32-Pin Encap. DIP	-40 to +85	DS1245AB-120-IND	5% tol. 120 ns
	32-Pin Encap. DIP	0 to 70	DS1245AB-70	5% tol. 70 ns
	32-Pin Encap. DIP	-40 to +85	DS1245AB-70-IND	5% tol. 70 ns
	32-Pin Encap. DIP	0 to 70	DS1245AB-85	5% tol. 85 ns
	34-Pin PowerCap	0 to 70	DS1245ABP-100	5% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1245ABP-70	5% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1245ABP-70-IND	5% tol. 70 ns
	32-Pin Encap. DIP	0 to 70	DS1245Y-100	10% tol. 100 ns
	32-Pin Encap. DIP	0 to 70	DS1245Y-120	10% tol. 120 ns
	32-Pin Encap. DIP	-40 to +85	DS1245Y-120-IND	10% tol. 120 ns
	32-Pin Encap. DIP	0 to 70	DS1245Y-70	10% tol. 70 ns

	32-Pin Encap. DIP	-40 to +85	DS1245Y-70-IND	10% tol. 70 ns
	32-Pin Encap. DIP	0 to 70	DS1245Y-85	10% tol. 85 ns
	34-Pin PowerCap	0 to 70	DS1245YP-100	10% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1245YP-70	10% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1245YP-70-IND	10% tol. 70 ns
DS1248	32-Pin Encap. DIP	0 to 70	DS1248W-120	3.3 volt, 120 ns
	32-Pin Encap. DIP	0 to 70	DS1248W-150	3.3 volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1248WP-120	3.3 volt 120 ns
	34-Pin PowerCap	0 to 70	DS1248WP-150	3.3 volt, 150 ns
	32-Pin Encap. DIP	0 to 70	DS1248Y-100	5 volt, 100 ns
	32-Pin Encap. DIP	0 to 70	DS1248Y-120	5 volt, 120 ns
	32-Pin Encap. DIP	0 to 70	DS1248Y-150	5 volt,150 ns
	32-Pin Encap. DIP	0 to 70	DS1248Y-200	5 volt, 200 ns
	32-Pin Encap. DIP	0 to 70	DS1248Y-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1248YP-100	5 volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1248YP-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1248YP-70	5 volt, 70 ns
DS1249	32-Pin Encap. Dip	0 to 70	DS1249AB-100	5% tol. 100 ns
	32-Pin Encap. Dip	0 to 70	DS1249AB-70	5% tol. 70 ns
	32-Pin Encap. Dip	-40 to +85	DS1249AB-70-IND	5% tol. 70 ns
	32-Pin Encap. DIP	0 to 70	DS1249Y-100	10% tol. 100 ns
	32-Pin Encap. DIP	0 to 70	DS1249Y-70	10% tol. 70 ns
	32-Pin Encap. DIP	-40 to +85	DS1249Y-70-IND	10% tol. 70 ns
DS1250W	32-Pin Encap DIP	0 to 70	DS1250W-100	3.3V 100 ns
	32-Pin Encap DIP	0 to 70	DS1250W-150	3.3V 150 ns
	34-Pin PowerCap	0 to 70	DS1250WP-100	3.3V 100 ns
	34-Pin PowerCap	0 to 70	DS1250WP-150	3.3V 150 ns
DS1250Y/AB	32-Pin Encap. DIP	0 to 70	DS1250AB-100	5% tol. 100 ns
	32-Pin Encap. DIP	0 to 70	DS1250AB-70	5% tol. 70 ns
	32-Pin Encap. DIP	-40 to +85	DS1250AB-70-IND	5% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1250ABP-100	5% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1250ABP-70	5% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1250ABP-70-IND	5% tol. 70 ns
	32-Pin Encap. DIP	0 to 70	DS1250Y-100	10% tol. 100 ns
	32-Pin Encap. DIP	0 to 70	DS1250Y-70	10% tol. 70 ns
	32-Pin Encap. DIP	-40 to +85	DS1250Y-70-IND	10% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1250YP-100	10% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1250YP-70	10% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1250YP-70-IND	10% tol. 70 ns
DS1251	32-Pin Encap. DIP	0 to 70	DS1251W-120	3.3 volt, 120 ns
	32-Pin Encap. DIP	0 to 70	DS1251W-150	3.3 volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1251WP-120	3.3 volt, 120 ns

	34-Pin PowerCap	0 to 70	DS1251WP-150	3.3 volt, 150 ns
	32-Pin Encap. DIP	0 to 70	DS1251Y-100	5 volt, 100 ns
	32-Pin Encap. DIP	0 to 70	DS1251Y-120	5 volt, 120 ns
	32-Pin Encap. DIP	0 to 70	DS1251Y-150	5 volt, 150 ns
	32-Pin Encap. DIP	0 to 70	DS1251Y-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1251YP-100	5 volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1251YP-70	5 volt, 70 ns
DS1254YB	BGA Module	0 to 70	DS1254YB-100	
DS1258Y/AB	40-Pin Encap. DIP	0 to 70	DS1258AB-100	5% tol. 100 ns
	40-Pin Encap. DIP	0 to 70	DS1258AB-70	5% tol. 70 ns
	40-Pin Encap. DIP	0 to 70	DS1258Y-100	10% tol. 100 ns
	40-Pin Encap. DIP	0 to 70	DS1258Y-70	10% tol. 70 ns
DS1259	16 Pin DIP 300mil	0C to +70C	DS1259	
	16 Pin DIP 300mil	-40C to +85C	DS1259N	
	16 Pin SO 300mil	0C to +70C	DS1259S	
	16 Pin SO 300mil	-40C to +85C	DS1259SN	
DS1260	Module	0C to +70C	DS1260-100	1000mAHr
	Module	0C to +70C	DS1260-25	250mAHr
	Module	0C to +70C	DS1260-50	500mAHr
DS1267	14-Pin DIP	-40 to +85	DS1267-010	10K ohms
	14-Pin DIP	-40 to +85	DS1267-050	50K ohms
	14-Pin DIP	-40 to +85	DS1267-100	100K ohms
	20-Pin TSSOP	-40 to +85	DS1267E-010	10K ohms
	20-Pin TSSOP/T&R	-40 to +85	DS1267E-010/T&R	10K ohms
	20-Pin TSSOP	-40 to +85	DS1267E-050	50K ohms
	20-Pin TSSOP/T&R	-40 to +85	DS1267E-050/T&R	50K ohms
	20-Pin TSSOP	-40 to +85	DS1267E-100	100K ohms
	20-Pin TSSOP/T&R	-40 to +85	DS1267E-100/T&R	100K ohms
	16-Pin SOIC	-40 to +85	DS1267S-010	10K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1267S-010/T&R	10K ohms
	16-Pin SOIC	-40 to +85	DS1267S-050	50K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1267S-050/T&R	50K ohms
	16-Pin SOIC	-40 to +85	DS1267S-100	100K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1267S-100/T&R	100K ohms
DS1280	44-Pin Flat Pack	0 to 70	DS1280FP-44	
	44-Pin TQFP	0 to 70	DS1280T-Q44	
DS1284	28-Pin DIP	0 to 70	DS1284	
	28-Pin DIP	-40 to +85	DS1284N	
	28-Pin PLCC	0 to 70	DS1284Q	

	28-Pin PLCC	-40 to +85	DS1284QN
DS1286	28-Pin Encap. DIP	0 to 70	DS1286
DS12885	24-Pin DIP	0 to 70	DS12885
	24-Pin DIP	-40 to +85	DS12885N
	28-Pin PLCC	0 to 70	DS12885Q
	28-Pin PLCC	-40 to +85	DS12885QN
	24-Pin SOIC	0 to 70	DS12885S
	24-Pin SOIC	-40 to +85	DS12885SN
	32-Pin TQFP	0 to 70	DS12885T
	32-Pin TQFP	-40 to +85	DS12885TN
DS12887	24-Pin Encap. DIP	0 to 70	DS12887
DS12887A	24-Pin Encap. DIP	0 to 70	DS12887A
DS12C887	24-Pin Encap. DIP	0 to 70	DS12C887
DS12C887A	24-Pin Encap. DIP	0 to 70	DS12C887A
DS1302	8-Pin DIP	0 to 70	DS1302
	8-Pin DIP	-40 to +85	DS1302N
	8-Pin SOIC	0 to 70	DS1302S
	16-Pin SOIC	0 to 70	DS1302S-16
	8-Pin SOIC	-40 to +85	DS1302SN
	16-Pin SOIC	-40 to +85	DS1302SN-16
	8-Pin SOIC	0 to 70	DS1302Z
	8-Pin SOIC	-40 to +85	DS1302ZN
DS1305	16-Pin DIP	0 to 70	DS1305
	20-Pin TSSOP	0 to 70	DS1305E
	20-Pin TSSOP	-40 to +85	DS1305EN
	16-Pin DIP	-40 to +85	DS1305N
DS1306	16-Pin DIP	0 to 70	DS1306
	20-Pin TSSOP	0 to 70	DS1306E
	20-Pin TSSOP	-40 to +85	DS1306EN
	16-Pin DIP	-40 to +85	DS1306N
DS1307	8-Pin DIP	0 to 70	DS1307
	8-Pin DIP	-45 to +85	DS1307N
	8-Pin SOIC	0 to 70	DS1307Z
	8-Pin SOIC	-40 to +85	DS1307ZN
DS1312	8 Pin DIP 300mil	-40C to +85C	DS1312
	20 Pin TSSOP	-40C to +85C	DS1312E
	16 Pin SO 300mil	-40C to +85C	DS1312S
	8 Pin SO 150mil	-40C to +85C	DS1312S-2

DS1312D	8 Pin DIP 300mil	-40C to +85C	DS1312D	
	16 Pin SO 300mil	-40C to +85C	DS1312DS	
	8 Pin SO 150mil	-40C to +85C	DS1312DS-2	
	μ-SOP	-40C to +85C	DS1312DU	
DS1314	8 Pin DIP 300mil	-40C to +85C	DS1314	
	20 Pin TSSOP	-40C to +85C	DS1314E	
	16 Pin SO 300mil	-40C to +85C	DS1314S	
	8 Pin SO 150mil	-40C to +85C	DS1314S-2	
DS1314D	8 Pin DIP 300mil	-40C to +85C	DS1314D	
	8 Pin SO 150mil	-40C to +85C	DS1314DS	
	μ-SOP	-40C to +85C	DS1314DU	
DS1315	16-Pin DIP	0 to 70	DS1315-33	3.3 volt
	16-Pin DIP	0 to 70	DS1315-5	5 volt
	16-Pin TSSOP	0 to 70	DS1315E-33	3.3 volt
	16-Pin TSSOP	0 to 70	DS1315E-5	5 volt
	16-Pin TSSOP	-40 to +85	DS1315EN-33	3.3 volt
	16-Pin TSSOP	-40 to +85	DS1315EN-5	5 volt
	16-Pin DIP	-40 to +85	DS1315N-33	3.3 volt
	16-Pin DIP	-40 to +85	DS1315N-5	5 volt
	16-Pin SOIC	0 to 70	DS1315S-33	3.3 volt
	16-Pin SOIC	0 to 70	DS1315S-5	5 volt
	16-Pin SOIC	-40 to +85	DS1315SN-33	3.3 volt
	16-Pin SOIC	-40 to +85	DS1315SN-5	5 volt
DS1321	16 Pin DIP 300mil	-40C to +85C	DS1321	
	20 Pin TSSOP	-40C to +85C	DS1321E	
	16 Pin SO 300mil	-40C to +85C	DS1321S	
DS1330W	34-Pin PowerCap	0 to 70	DS1330WP-100	3.3V 100 ns
	34-Pin PowerCap	0 to 70	DS1330WP-150	3.4V 150 ns
DS1330Y	34-Pin PowerCap	0 to 70	DS1330ABP-100	5% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1330ABP-70	5% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1330ABP-70-IND	5% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1330YP-100	10% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1330YP-70	10% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1330YP-70-IND	10% tol. 70 ns
DS1336	16 Pin DIP 300mil	0C to +70C	DS1336	
	16 Pin DIP 300mil	-40C to +85C	DS1336N	
	16 Pin SO 300mil	0C to +70C	DS1336S	
	16 Pin SO 300mil	-40C to +85C	DS1336SN	

DS1345W	34-Pin PowerCap	0 to 70	DS1345WP-100	3.3V 100 ns
	34-Pin PowerCap	0 to 70	DS1345WP-150	3.3V 150 ns
DS1345Y/AB	34-Pin PowerCap	0 to 70	DS1345ABP-100	5% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1345ABP-70	5% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1345ABP-70-IND	5% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1345YP-100	10% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1345YP-70	10% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1345YP-70-IND	10% tol. 70 ns
DS1350W	34-Pin PowerCap	0 to 70	DS1350WP-100	3.3V 100 ns
	34-Pin PowerCap	0 to 70	DS1350WP-150	3.3V 150 ns
DS1350Y/AB	34-Pin PowerCap	0 to 70	DS1350ABP-100	5% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1350ABP-70	5% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1350ABP-70-IND	5% tol. 70 ns
	34-Pin PowerCap	0 to 70	DS1350YP-100	10% tol. 100 ns
	34-Pin PowerCap	0 to 70	DS1350YP-70	10% tol. 70 ns
	34-Pin PowerCap	-40 to +85	DS1350YP-70-IND	10% tol. 70 ns
DS1384	44-Pin QFP	0 to 70	DS1384FP-120	
DS1386	32-Pin Encap. DIP	0 to 70	DS1386-32-120	32K x 8 RAM; 120 ns
	32-Pin Encap. DIP	0 to 70	DS1386-32-150	32K x 8 RAM; 150 ns
	32-Pin Encap. DIP	0 to 70	DS1386-8-120	8K x 8 RAM; 120 ns
	32-Pin Encap. DIP	0 to 70	DS1386-8-150	8K x 8 RAM; 150 ns
	34-Pin PowerCap	0 to 70	DS1386P-32-120	120 ns
	34-Pin PowerCap	0 to 70	DS1386P-32-150	150 ns
	34-Pin PowerCap	0 to 70	DS1386P-8-120	120 ns
	34-Pin PowerCap	0 to 70	DS1386P-8-150	150 ns
DS1401			DS1401-04	4 Ports
DS1402	Cable		DS1402-BB3	Two Buttons, 0.9m (3 feet)
	Cable		DS1402-BB8	Two Buttons, 2.4m (8 feet)
	Cable		DS1402-BP3	Button/Probe, 0.9m (3 feet)
	Cable		DS1402-BP8	Button/Probe, 2.4m (8 feet)
	Cable		DS1402-BR8	Button/RJ-11, 2.4m (8 feet)
	Cable		DS1402D-DB8	Two Blue Dots/Button, 2.4m (8 feet)
	Cable		DS1402D-DR8	Two Blue Dots/RJ-11, 2.4m (8 feet)
	Cable		DS1402-RP3	RJ-11/Probe, 0.9m (3 feet)
	Cable		DS1402-RP8	RJ-11/Probe, 2.4m (8 feet)
	Cable		DS1402-RR8	Two RJ-11, 2.4m (8 feet)
DS1404			DS1404	Black

DS1410D	Adapter	0 to 70	DS1410D	iButton Holder/Parallel Port
DS1410E	Adapter	0 to 70	DS1410E	iButton Holder/Parallel Port w/EPP
DS1411	DB-9	0 to 70	DS1411	iButton Holder/Serial, Active, w/ID
	DB-9	0 to 70	DS1411-S09	iButton Holder/Serial, Active, no ID
DS1413	DB-9	0 to 70	DS1413	iButton Holder/Serial, Passive
DS1425	iButton	0 to 70	DS1425L-F5	F5 MicroCan
DS1427	iButton	0 to 70	DS1427L-F5	F5 MicroCan
DS14285	24-Pin DIP	0 to 70	DS14285	
	24-Pin DIP	-40 to +85	DS14285N	
	28-Pin PLCC	0 to 70	DS14285Q	
	28-Pin PLCC	-40 to +85	DS14285QN	
	24-Pin SOIC	0 to 70	DS14285S	
	24-Pin SOIC	-40 to +85	DS14285SN	
DS14287	24-Pin Encap. DIP	0 to 70	DS14287	
DS1480	14-Pin SOIC	0 to 70	DS1480S	Regular Speed
	14-Pin SOIC/T&R	0 to 70	DS1480S/T&R	Regular Speed
DS1481	14-Pin SOIC	0 to 70	DS1481S	Regular and Overdrive Speed
	14-Pin SOIC/T&R	0 to 70	DS1481S/T&R	Regular and Overdrive Speed
DS1486	32-Pin Encap. DIP	0 to 70	DS1486-120	120 ns
	32-Pin Encap. DIP	0 to 70	DS1486-150	150 ns
	34-Pin PowerCap	0 to 70	DS1486P-120	120 ns
	34-Pin PowerCap	0 to 70	DS1486P-150	150 ns
DS1490	Adapter	0 to 70	DS1490F	2 in 1 USB fob
DS1500	32-Pin DIP	0 to 70	DS1500W	3.3 volt
	32-Pin TSOP	0 to 70	DS1500WE	3.3 volt
	32-Pin TSOP	-40 to +85	DS1500WEN	3.3 volt
	32-Pin DIP	-40 to +85	DS1500WN	3.3 volt
	32-Pin DIP	0 to 70	DS1500Y	5 volt
	32-Pin TSOP	0 to 70	DS1500YE	5 volt
	32-Pin TSOP	-40 to +85	DS1500YEN	5 volt
	32-Pin DIP	-40 to +85	DS1500YN	5 volt
DS1501	28-Pin DIP	0 to 70	DS1501W	3.3 volt
	28-Pin TSOP	0 to 70	DS1501WE	3.3 volt
	28-Pin TSOP	-40 to +85	DS1501WEN	3.3 volt
	28-Pin DIP	-40 to +85	DS1501WN	3.3 volt

	28-Pin SOIC	0 to 70	DS1501WS	3.3 volt
	28-Pin SOIC	-40 to +85	DS1501WSN	3.3 volt
	28-Pin DIP	0 to 70	DS1501Y	5 volt
	28-Pin TSOP	0 to 70	DS1501YE	5 volt
	28-Pin TSOP	-40 to +85	DS1501YEN	5 volt
	28-Pin DIP	-40 to +85	DS1501YN	5 volt
	28-Pin SOIC	0 to 70	DS1501YS	5 volt
	28-Pin SOIC	-40 to +85	DS1501YSN	5 volt
DS1510	32-PIN Encap. DIP	0 to 70	DS1510W	3.3 volt
	32-PIN Encap. DIP	0 to 70	DS1510Y	5 volt
DS1511	28-PIN Encap. DIP	0 to 70	DS1511W	3.3 volt
	28-PIN Encap. DIP	0 to 70	DS1511Y	5 volt
DS1543	28-Pin Encap. DIP	0 to 70	DS1543-100	5 volt, 100 ns
	28-Pin Encap. DIP	0 to 70	DS1543-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1543P-100	5 volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1543P-70	5 volt, 70 ns
	28-Pin Encap. DIP	0 to 70	DS1543W-120	3.3 volt, 120 ns
	28-Pin Encap. DIP	0 to 70	DS1543W-150	3.3 volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1543WP-120	3.3 volt, 120 ns
	34-Pin PowerCap	0 to 70	DS1543WP-150	3.3 volt, 150 ns
DS1553	28-Pin Encap. DIP	0 to 70	DS1553-100	5 volt, 100 ns
	28-Pin Encap. DIP	0 to 70	DS1553-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1553P-100	5 volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1553P-70	5 volt, 70 ns
	28-Pin Encap. DIP	0 to 70	DS1553W-120	3.3 volt, 120 ns
	28-Pin Encap. DIP	0 to 70	DS1553W-150	3.3 volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1553WP-120	3.3 volt, 120 ns
	34-Pin PowerCap	0 to 70	DS1553WP-150	3.3 volt, 150 ns
DS1554	32-Pin Encap. DIP	0 to 70	DS1554-100	5 volt, 100 ns
	32-Pin Encap. DIP	0 to 70	DS1554-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1554P-100	5 volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1554P-70	5 volt, 70 ns
	32-Pin Encap. DIP	0 to 70	DS1554W-120	3.3 volt, 120 ns
	32-Pin Encap. DIP	0 to 70	DS1554W-150	3.3 volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1554WP-120	3.3 volt, 120 ns
	34-Pin PowerCap	0 to 70	DS1554WP-150	3.3 volt, 150 ns
DS1556	32-Pin Encap. DIP	0 to 70	DS1556-100	5 volt, 100 ns
	32-Pin Encap. DIP	0 to 70	DS1556-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1556P-100	5 volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1556P-70	5 volt, 70 ns

	32-Pin Encap. DIP	0 to 70	DS1556W-120	3.3 volt, 120 ns
	32-Pin Encap. DIP	0 to 70	DS1556W-150	3.3 volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1556WP-120	3.3 volt, 120 ns
	34-Pin PowerCap	0 to 70	DS1556WP-150	3.3 volt, 150 ns
DS1557	34-Pin PowerCap	0 to 70	DS1553P-100	5 volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1553P-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1553WP-120	3.3 volt, 120 ns
	34-Pin PowerCap	0 to 70	DS1553WP-150	3.3 volt, 150 ns
DS1602	8-Pin DIP	-40 to +85	DS1602	
	8-Pin SOIC	-40 to +85	DS1602S	
DS1603	7-Pin Encap. SIP	0 to 70	DS1603	
DS1610	16 Pin DIP 300mil	0C to +70C	DS1610	
	16 Pin DIP 300mil	-40C to +85C	DS1610N	
	16 Pin SO 300mil	0C to +70C	DS1610S	
	16 Pin SO 300mil	-40C to +85C	DS1610SN	
DS1615	16-Pin DIP	-40 to +85	DS1615	
	16-Pin SOIC	-40 to +85	DS1615S	
DS1616	24-Pin DIP	-40 to +85	DS1609	
DS1616	24-Pin SOIC	-40 to +85	DS1609S	
DS1620	8-Pin DIP	-55 to +125	DS1620	
	8-Pin SOIC	-55 to +125	DS1620S	
DS1621	8-Pin DIP	-55 to +125	DS1621	
	8-Pin SOIC	-55 to +125	DS1621S	
DS1624	8-Pin DIP	-55 to +125	DS1624	
	8-Pin SOIC	-55 to +125	DS1624S	
DS1629	8-Pin SOIC	-55 to +125	DS1629S	
DS1632	16 Pin DIP 300mil	0C to +70C	DS1632	
	16 Pin SO 300mil	0C to +70C	DS1632S	
DS1640	16 Pin DIP 300mil	0C to +70C	DS1640	
	16 Pin SO 300mil	0C to +70C	DS1640S	
	16 Pin SO 300mil	-40C to +85C	DS1640SN	
DS1642	24-Pin Encap. DIP	0 to 70	DS1642-100	100 ns
	24-Pin Encap. DIP	0 to 70	DS1642-70	70 ns

DS1643	28-Pin Encap. DIP	0 to 70	DS1643-100	100 ns
	28-Pin Encap. DIP	0 to 70	DS1643-70	70 ns
	34-Pin PowerCap	0 to 70	DS1643P-100	100 ns
	34-Pin PowerCap	0 to 70	DS1643P-70	70 ns
DS1644	28-Pin Encap. DIP	0 to 70	DS1644-120	120 ns
	28-Pin Encap. DIP	0 to 70	DS1644-150	150 ns
	34-Pin PowerCap	0 to 70	DS1644P-120	120 ns
	34-Pin PowerCap	0 to 70	DS1644P-150	150 ns
DS1646	32-Pin Encap. DIP	0 to 70	DS1646-120	120 ns
	32-Pin Encap. DIP	0 to 70	DS1646-150	150 ns
	34-Pin PowerCap	0 to 70	DS1646P-120	120 ns
	34-Pin PowerCap	0 to 70	DS1646P-150	150 ns
DS1647	32-Pin Encap. DIP	0 to 70	DS1647-120	120 ns
	32-Pin Encap. DIP	0 to 70	DS1647-150	150 ns
	34-Pin PowerCap	0 to 70	DS1647P-120	120 ns
	34-Pin PowerCap	0 to 70	DS1647P-150	150 ns
DS1666	14-Pin DIP	-40 to +85	DS1666-010	10K ohms
	14-Pin DIP	-40 to +85	DS1666-050	50K ohms
	14-Pin DIP	-40 to +85	DS1666-100	100K ohms
	16-Pin SOIC	-40 to +85	DS1666S-010	10K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1666S-010/T&R	10K ohms
	16-Pin SOIC	-40 to +85	DS1666S-050	50K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1666S-050/T&R	50K ohms
	16-Pin SOIC	-40 to +85	DS1666S-100	100K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1666S-100/T&R	100K ohms
DS1667	20-Pin DIP	0 to 70	DS1667-010	10K ohms
	20-Pin DIP	0 to 70	DS1667-050	50K ohms
	20-Pin DIP	0 to 70	DS1667-100	100K ohms
	20-Pin SOIC	0 to 70	DS1667S-010	10K ohms
	20-Pin SOIC	0 to 70	DS1667S-050	50K ohms
	20-Pin SOIC	0 to 70	DS1667S-100	100K ohms
DS1669	8-Pin DIP	-40 to +85	DS1669-010	10K ohms
	8-Pin DIP	-40 to +85	DS1669-050	50K ohms
	8-Pin DIP	-40 to +85	DS1669-100	100K ohms
	8-Pin SOIC	-40 to +85	DS1669S-010	10K ohms
	8-Pin SOIC/T&R	-40 to +85	DS1669S-010/T&R	10K ohms
	8-Pin SOIC	-40 to +85	DS1669S-050	50K ohms
	8-Pin SOIC/T&R	-40 to +85	DS1669S-050/T&R	50K ohms
	8-Pin SOIC	-40 to +85	DS1669S-100	100K ohms

	8-Pin SOIC/T&R	-40 to +85	DS1669S-100/T&R	100K ohms
DS1670	20-Pin TSSOP	0 to 70	DS1670E	
	20-Pin SOIC	0 to 70	DS1670S	
DS1672	8-Pin DIP	0 to 70	DS1672-2	2 volt
	8-Pin DIP	0 to 70	DS1672-3	3 volt
	8-Pin SOIC	0 to 70	DS1672S-2	2 volt
	8-Pin SOIC	0 to 70	DS1672S-3	3 volt
	8-Pin uSOP	0 to 70	DS1672U-2	2 volt
	8-Pin uSOP	0 to 70	DS1672U-3	3 volt
DS1673	20-Pin TSSOP	0 to 70	DS1673E-3	3 volt
	20-Pin TSSOP	0 to 70	DS1673E-5	5 volt
	20-Pin SOIC	0 to 70	DS1673S-3	3 volt
	20-Pin SOIC	0 to 70	DS1673S-5	5 volt
DS1677	20-Pin TSSOP	0 to 70	DS1677E	
DS1678	8-Pin DIP	-40 to +85	DS1678	
	8-Pin SOIC	-40 to +85	DS1678S	
DS1682	8-Pin SOIC	-40 to +85	DS1682S	
	6-Pin Flip Chip Bump	-40 to +85	DS1682X	
DS1685	24-Pin DIP	0 to 70	DS1685-3	3 volt
	24-Pin DIP	0 to 70	DS1685-5	5 volt
	24-Pin TSSOP	0 to 70	DS1685E-3	3 volt
	24-Pin TSSOP	0 to 70	DS1685E-5	5 volt
	24-Pin TSSOP	-40 to +85	DS1685EN-3	3 volt
	24-Pin TSSOP	-40 to +85	DS1685EN-5	5 volt
	24-Pin DIP	-40 to +85	DS1685N-3	3 volt
	24-Pin DIP	-40 to +85	DS1685N-5	5 volt
	28-Pin PLCC	0 to 70	DS1685Q-3	3 volt
	28-Pin PLCC	0 to 70	DS1685Q-5	5 volt
	28-Pin PLCC	-40 to +85	DS1685QN-3	3 volt
	28-Pin PLCC	-40 to +85	DS1685QN-5	5 volt
	24-Pin SOIC	0 to 70	DS1685S-3	3 volt
	24-Pin SOIC	0 to 70	DS1685S-5	5 volt
	24-Pin SOIC	-40 to +85	DS1685SN-3	3 volt
	24-Pin SOIC	-40 to +85	DS1685SN-5	5 volt
DS1687	24-Pin Encap. DIP	0 to 70	DS1687-3	3 volt
	24-Pin Encap. DIP	0 to 70	DS1687-5	5 volt
DS1688	28-Pin DIP	0 to 70	DS1688	

	28-Pin SOIC	0 to 70	DS1688S	
DS1689	28-Pin DIP	0 to 70	DS1689	
	28-Pin SOIC	0 to 70	DS1689S	
DS1691	28-Pin Encap. DIP	0 to 70	DS1691	
DS1693	28-Pin Encap. DIP	0 to 70	DS1693	
DS1705/6	8 Pin DIP 300mil	-40C to +85C	DS1705EPA	5.0V-5% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1705ESA	5.0V-5% Monitor
	μ-SOP	-40C to +85C	DS1705EUA	5.0V-5% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1706EPA	5.0V-10% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1706ESA	5.0V-10% Monitor
	μ-SOP	-40C to +85C	DS1706EUA	5.0V-10% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1706LEPA	5.0V-5% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1706LESA	5.0V-5% Monitor
	μ-SOP	-40C to +85C	DS1706LEUA	5.0V-5% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1706PEPA	3.3V-20% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1706PESA	3.3V-20% Monitor
	μ-SOP	-40C to +85C	DS1706PEUA	3.3V-20% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1706REPA	3.3V-20% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1706RESA	3.3V-20% Monitor
	μ-SOP	-40C to +85C	DS1706REUA	3.3V-20% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1706SEPA	3.3V-10% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1706SESA	3.3V-10% Monitor
	μ-SOP	-40C to +85C	DS1706SEUA	3.3V-10% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1706TEPA	3.3V-5% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1706TESA	3.3V-5% Monitor
	μ-SOP	-40C to +85C	DS1706TEUA	3.3V-5% Monitor
DS1707/8	8 Pin DIP 300mil	-40C to +85C	DS1707EPA	5.0V-5% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1707ESA	5.0V-5% Monitor
	μ-SOP	-40C to +85C	DS1707EUA	5.0V-5% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1708EPA	5.0V-10% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1708ESA	5.0V-10% Monitor
	μ-SOP	-40C to +85C	DS1708EUA	5.0V-10% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1708REPA	3.3V-20% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1708RESA	3.3V-20% Monitor
	μ-SOP	-40C to +85C	DS1708REUA	3.3V-20% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1708SEPA	3.3V-10% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1708SESA	3.3V-10% Monitor
	μ-SOP	-40C to +85C	DS1708SEUA	3.3V-10% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1708TEPA	3.3V-5% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1708TESA	3.3V-5% Monitor
	μ-SOP	-40C to +85C	DS1708TEUA	3.3V-5% Monitor

DS1710	16 Pin DIP 300mil	0C to +70C	DS1710	
	20 Pin TSSOP	0C to +70C	DS1710E	
	20 Pin TSSOP	-40C to +85C	DS1710EN	
	16 Pin DIP 300mil	-40C to +85C	DS1710N	
	16 Pin SO 300mil	0C to +70C	DS1710S	
	16 Pin SO 300mil	-40C to +85C	DS1710SN	
DS1720	8-Pin SOIC	-55 to +125	DS1720S	
DS1721	8-Pin SOIC	-55 to +125	DS1721S	
	8-Pin uSOP	-55 to +125	DS1721U	
DS1722	8-Pin SOIC	-55 to +125	DS1722S	
	8-Pin uSOP	-55 to +125	DS1722U	
	Flipchip	-55 to +125	DS1722X	
DS17285	24-Pin DIP	0 to 70	DS17285-3	3 volt
	24-Pin DIP	0 to 70	DS17285-5	5 volt
	28-Pin TSOP	0 to 70	DS17285E-3	3 volt
	28-Pin TSOP	0 to 70	DS17285E-5	5 volt
	28-Pin TSOP	-40 to +85	DS17285EN-3	3 volt
	28-Pin TSOP	-40 to +85	DS17285EN-5	5 volt
	24-Pin DIP	-40 to +85	DS17285N-3	3 volt
	24-Pin DIP	-40 to +85	DS17285N-5	5 volt
	24-Pin SOIC	0 to 70	DS17285S-3	3 volt
	24-Pin SOIC	0 to 70	DS17285S-5	5 volt
	24-Pin SOIC	-40 to +85	DS17285SN-3	3 volt
	24-Pin SOIC	-40 to +85	DS17285SN-5	5 volt
DS17287	24-Pin Encap. DIP	0 to 70	DS17287-3	3 volt
	24-Pin Encap. DIP	0 to 70	DS17287-5	5 volt
DS1742	24-Pin Encap. DIP	0 to 70	DS1742-100	5 volt, 100 ns
	24-Pin Encap. DIP	0 to 70	DS1742-70	5 volt, 70 ns
	24-Pin Encap. DIP	0 to 70	DS1742W-120	3.3 volt, 120 ns
	24-Pin Encap. DIP	0 to 70	DS1742W-150	3.3 volt, 150 ns
DS1743	28-Pin Encap. DIP	0 to 70	DS1743-100	5 volt, 100 ns
	28-Pin Encap. DIP	0 to 70	DS1743-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1743P-100	5 volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1743P-70	5 volt, 70 ns
	28-Pin Encap. DIP	0 to 70	DS1743W-120	3.3 volt, 120 ns
	28-Pin Encap. DIP	0 to 70	DS1743W-150	3.3 volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1743WP-120	3.3 volt, 120 ns
	34-Pin PowerCap	0 to 70	DS1743WP-150	3.3 volt, 150 ns
DS1744	28-Pin Encap. DIP	0 to 70	DS1744-100	5 volt, 100 ns

	28-Pin Encap. DIP	0 to 70	DS1744-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1744P-100	5 volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1744P-70	5 volt, 70 ns
	28-Pin Encap. DIP	0 to 70	DS1744W-120	3.3 volt, 120 ns
	28-Pin Encap. DIP	0 to 70	DS1744W-150	3.3 volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1744WP-120	3.3 volt, 120 ns
	34-Pin PowerCap	0 to 70	DS1744WP-150	3.3 volt, 150 ns
DS1746	32-Pin Encap. DIP	0 to 70	DS1746-100	5 volt, 100 ns
	32-Pin Encap. DIP	0 to 70	DS1746-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1746P-100	5 volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1746P-70	5 volt, 70 ns
	32-Pin Encap. DIP	0 to 70	DS1746W-120	3.3 volt, 120 ns
	32-Pin Encap. DIP	0 to 70	DS1746W-150	3.3 volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1746WP-120	3.3 volt, 120 ns
	34-Pin PowerCap	0 to 70	DS1746WP-150	3.3 volt, 150 ns
DS1747	32-Pin Encap. DIP	0 to 70	DS1747-100	5 volt, 100 ns
	32-Pin Encap. DIP	0 to 70	DS1747-70	5 volt, 70 ns
	34-Pin PowerCap	0 to 70	DS1747P-100	5 volt, 100 ns
	34-Pin PowerCap	0 to 70	DS1747P-70	5 volt, 70 ns
	32-Pin Encap. DIP	0 to 70	DS1747W-120	3.3 volt, 120 ns
	32-Pin Encap. DIP	0 to 70	DS1747W-150	3.3 volt, 150 ns
	34-Pin PowerCap	0 to 70	DS1747WP-120	3.3 volt, 120 ns
	34-Pin PowerCap	0 to 70	DS1747WP-150	3.3 volt, 150 ns
DS17485	24-Pin DIP	0 to 70	DS17485-3	3 volt
	24-Pin DIP	0 to 70	DS17485-5	5 volt
	28-Pin TSOP	0 to 70	DS17485E-3	3 volt
	28-Pin TSOP	0 to 70	DS17485E-5	5 volt
	28-Pin TSOP	-40 to +85	DS17485EN-3	3 volt
	28-Pin TSOP	-40 to +85	DS17485EN-5	5 volt
	24-Pin DIP	-40 to +85	DS17485N-3	3 volt
	24-Pin DIP	-40 to +85	DS17485N-5	5 volt
	24-Pin SOIC	0 to 70	DS17485S-3	3 volt
	24-Pin SOIC	0 to 70	DS17485S-5	5 volt
	24-Pin SOIC	-40 to +85	DS17485SN-3	3 volt
	24-Pin SOIC	-40 to +85	DS17485SN-5	5 volt
DS17487	24-Pin Encap. DIP	0 to 70	DS17487-3	3 volt
	24-Pin Encap. DIP	0 to 70	DS17487-5	5 volt
DS1775	5-Pin SOT23	-55 to +125	DS1775R-TR1	001 2-wire address
	5-Pin SOT23	-55 to +125	DS1775R-TR2	010 2-wire address
	5-Pin SOT23	-55 to +125	DS1775R-TR3	011 2-wire address
	5-Pin SOT23	-55 to +125	DS1775R-TR4	100 2-wire address

	5-Pin SOT23	-55 to +125	DS1775R-TR5	101 2-wire address
	5-Pin SOT23	-55 to +125	DS1775R-TR6	110 2-wire address
	5-Pin SOT23	-55 to +125	DS1775R-TR7	111 2-wire address
	5-Pin SOT23	-55 to +125	DS1775R-TRL	000 2-wire address
DS1780	24-Pin TSSOP	-40 to +125	DS1780E	
DS17885	24-Pin DIP	0 to 70	DS17885-3	3 volt
	24-Pin DIP	0 to 70	DS17885-5	5 volt
	28-Pin TSOP	0 to 70	DS17885E-3	3 volt
	28-Pin TSOP	0 to 70	DS17885E-5	5 volt
	28-Pin TSOP	-40 to +85	DS17885EN-3	3 volt
	28-Pin TSOP	-40 to +85	DS17885EN-5	5 volt
	24-Pin DIP	-40 to +85	DS17885N-3	3 volt
	24-Pin DIP	-40 to +85	DS17885N-5	5 volt
	24-Pin SOIC	0 to 70	DS17885S-3	3 volt
	24-Pin SOIC	0 to 70	DS17885S-5	5 volt
	24-Pin SOIC	-40 to +85	DS17885SN-3	3 volt
	24-Pin SOIC	-40 to +85	DS17885SN-5	5 volt
DS17887	24-Pin Encap. DIP	0 to 70	DS17887-3	3 volt
	24-Pin Encap. DIP	0 to 70	DS17887-5	5 volt
DS1800	20-Pin DIP	-40 to +85	DS1800	53K ohms
	20-Pin TSSOP	-40 to +85	DS1800E	53K ohms
	20-Pin SOIC	-40 to +85	DS1800S	53K ohms
DS1801	14-Pin DIP	-40 to +85	DS1801	45K ohms
	14-Pin TSSOP	-40 to +85	DS1801E-014	45K ohms
	14-Pin TSSOP/T&R	-40 to +85	DS1801E-014/T&R	45K ohms
	16-Pin SOIC	-40 to +85	DS1801S	45K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1801S/T&R	45K ohms
DS1802	20-Pin DIP	-40 to +85	DS1802	50K ohms
	20-Pin TSSOP	-40 to +85	DS1802E	50K ohms
	20-Pin TSSOP/T&R	-40 to +85	DS1802E/T&R	50K ohms
	20-Pin SOIC	-40 to +85	DS1802S	50K ohms
	20-Pin SOIC/T&R	-40 to +85	DS1802S/T&R	50K ohms
DS1803	16-Pin DIP	-40 to +85	DS1803-010	10K ohms
	16-Pin DIP	-40 to +85	DS1803-050	50K ohms
	16-Pin DIP	-40 to +85	DS1803-100	100K ohms
	14-Pin TSSOP	-40 to +85	DS1803E-010	10K ohms
	14-Pin TSSOP/T&R	-40 to +85	DS1803E-010/T&R	10K ohms
	14-Pin TSSOP	-40 to +85	DS1803E-050	50K ohms
	14-Pin TSSOP/T&R	-40 to +85	DS1803E-050/T&R	50K ohms

	14-Pin TSSOP	-40 to +85	DS1803E-100	100K ohms
	14-Pin TSSOP/T&R	-40 to +85	DS1803E-100/T&R	100K ohms
	16-Pin SOIC	-40 to +85	DS1803Z-010	10K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1803Z-010/T&R	10K ohms
	16-Pin SOIC	-40 to +85	DS1803Z-050	50K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1803Z-050/T&R	50K ohms
	16-Pin SOIC	-40 to +85	DS1803Z-100	100K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1803Z-100/T&R	100K ohms
DS1804	8-Pin DIP	-40 to +85	DS1804-010	10K ohms
	8-Pin DIP	-40 to +85	DS1804-050	50K ohms
	8-Pin DIP	-40 to +85	DS1804-100	100K ohms
	8-Pin USOP	-40 to +85	DS1804U-010	10K ohms
	8-Pin USOP/T&R	-40 to +85	DS1804U-010/T&R	10K ohms
	8-Pin USOP	-40 to +85	DS1804U-050	50K ohms
	8-Pin USOP/T&R	-40 to +85	DS1804U-050/T&R	50K ohms
	8-Pin USOP	-40 to +85	DS1804U-100	100K ohms
	8-Pin USOP/T&R	-40 to +85	DS1804U-100/T&R	100K ohms
	8-Pin FCP	-40 to +85	DS1804X-010	10K ohms
	8-Pin FCP	-40 to +85	DS1804X-050	50K ohms
	8-Pin FCP	-40 to +85	DS1804X-100	100K ohms
	8-Pin SOIC	-40 to +85	DS1804Z-010	10K ohms
	8-Pin SOIC/T&R	-40 to +85	DS1804Z-010/T&R	10K ohms
	8-Pin SOIC	-40 to +85	DS1804Z-050	50K ohms
	8-Pin SOIC/T&R	-40 to +85	DS1804Z-050/T&R	50K ohms
	8-Pin SOIC	-40 to +85	DS1804Z-100	100K ohms
	8-Pin SOIC/T&R	-40 to +85	DS1804Z-100/T&R	100K ohms
DS1806	20-Pin DIP	-40 to +85	DS1806-010	10K ohms
	20-Pin DIP	-40 to +85	DS1806-050	50K ohms
	20-Pin DIP	-40 to +85	DS1806-100	100K ohms
	20-Pin TSSOP	-40 to +85	DS1806E-010	10K ohms
	20-Pin TSSOP/T&R	-40 to +85	DS1806E-010/T&R	10K ohms
	20-Pin TSSOP	-40 to +85	DS1806E-050	50K ohms
	20-Pin TSSOP/T&R	-40 to +85	DS1806E-050/T&R	50K ohms
	20-Pin TSSOP	-40 to +85	DS1806E-100	100K ohms
	20-Pin TSSOP/T&R	-40 to +85	DS1806E-100/T&R	100K ohms
	20-Pin SOIC	-40 to +85	DS1806S-010	10K ohms
	20-Pin SOIC/T&R	-40 to +85	DS1806S-010/T&R	10K ohms
	20-Pin SOIC	-40 to +85	DS1806S-050	50K ohms
	20-Pin SOIC/T&R	-40 to +85	DS1806S-050/T&R	50K ohms
	20-Pin SOIC	-40 to +85	DS1806S-100	100K ohms
	20-Pin SOIC/T&R	-40 to +85	DS1806S-100/T&R	100K ohms
DS1807	14-Pin DIP	-40 to +85	DS1807	45K ohms
	14-Pin TSSOP	-40 to +85	DS1807E	45K ohms

	14-Pin TSSOP/T&R	-40 to +85	DS1807E/T&R	45K ohms
	16-Pin SOIC	-40 to +85	DS1807S	45K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1807S/T&R	45K ohms
DS1809	8-Pin DIP	-40 to +85	DS1809-010	10K ohms
	8-Pin DIP	-40 to +85	DS1809-050	50K ohms
	8-Pin DIP	-40 to +85	DS1809-100	100K ohms
	8-Pin USOP	-40 to +85	DS1809U-010	10K ohms
	8-Pin USOP	-40 to +85	DS1809U-050	50K ohms
	8-Pin USOP	-40 to +85	DS1809U-100	100K ohms
	8-Pin SOIC	-40 to +85	DS1809Z-010	10K ohms
	8-Pin SOIC	-40 to +85	DS1809Z-050	50K ohms
	8-Pin SOIC	-40 to +85	DS1809Z-100	100K ohms
DS1810	TO-92	-40C to +85C	DS1810-10	5.0V-10% Monitor
	TO-92	-40C to +85C	DS1810-15	5.0V-15% Monitor
	TO-92	-40C to +85C	DS1810-5	5.0V-5% Monitor
	SOT-23/T&R	-40C to +85C	DS1810R-10/T&R	5.0V-10% Monitor
	SOT-23/T&R	-40C to +85C	DS1810R-15/T&R	5.0V-15% Monitor
	SOT-23/T&R	-40C to +85C	DS1810R-5/T&R	5.0V-5% Monitor
	FlipChipPkg/T&R	-40C to +85C	DS1810X-10/T&R	5.0V-10% Monitor
DS1811	TO-92	-40C to +85C	DS1811-10	5.0V-10% Monitor
	TO-92	-40C to +85C	DS1811-15	5.0V-15% Monitor
	TO-92	-40C to +85C	DS1811-5	5.0V-5% Monitor
	SOT-23/T&R	-40C to +85C	DS1811R-10/T&R	5.0V-10% Monitor
	SOT-23/T&R	-40C to +85C	DS1811R-15/T&R	5.0V-15% Monitor
	SOT-23/T&R	-40C to +85C	DS1811R-5/T&R	5.0V-5% Monitor
	FlipChipPkg/T&R	-40C to +85C	DS1811X-10/T&R	5.0V-10% Monitor
DS1812	TO-92	-40C to +85C	DS18120-10	5.0V-10% Monitor
	TO-92	-40C to +85C	DS1812-15	5.0V-15% Monitor
	TO-92	-40C to +85C	DS1812-5	5.0V-5% Monitor
	SOT-23/T&R	-40C to +85C	DS1812R-10/T&R	5.0V-10% Monitor
	SOT-23/T&R	-40C to +85C	DS1812R-15/T&R	5.0V-15% Monitor
	SOT-23/T&R	-40C to +85C	DS1812R-5/T&R	5.0V-5% Monitor
	FlipChipPkg/T&R	-40C to +85C	DS1812X-5/T&R	5.0V-5% Monitor
DS1813	TO-92	-40C to +85C	DS1813-10	5.0V-5% Monitor
	TO-92	-40C to +85C	DS1813-15	5.0V-10% Monitor
	TO-92	-40C to +85C	DS1813-5	5.0V-15% Monitor
	SOT-23/T&R	-40C to +85C	DS1813R-10/T&R	5.0V-5% Monitor
	SOT-23/T&R	-40C to +85C	DS1813R-15/T&R	5.0V-10% Monitor
	SOT-23/T&R	-40C to +85C	DS1813R-5/T&R	5.0V-15% Monitor
	FlipChipPkg/T&R	-40C to +85C	DS1813X-10/T&R	5.0V-10% Monitor
	FlipChipPkg/T&R	-40C to +85C	DS1813X-5/T&R	5.0V-5% Monitor

DS1814	SOT-23-5/T&R	-40C to +85C	DS1814AR-10/T&R	5.0V-10% Monitor
	SOT-23-5/T&R	-40C to +85C	DS1814AR-5/T&R	5.0V-5% Monitor
	SOT-23-5/T&R	-40C to +85C	DS1814BR-10/T&R	5.0V-10% Monitor
	SOT-23-5/T&R	-40C to +85C	DS1814BR-5/T&R	5.0V-5% Monitor
	FlipChipPkg/T&R	-40C to +85C	DS1814BX-10/T&R	5.0V-10% Monitor
	FlipChipPkg/T&R	-40C to +85C	DS1814BX-5/T&R	5.0V-5% Monitor
	SOT-23-5/T&R	-40C to +85C	DS1814CR-10/T&R	5.0V-10% Monitor
	SOT-23-5/T&R	-40C to +85C	DS1814CR-5/T&R	5.0V-5% Monitor
	FlipChipPkg/T&R	-40C to +85C	DS1814CX-10/T&R	5.0V-10% Monitor
	FlipChipPkg/T&R	-40C to +85C	DS1814CX-5/T&R	5.0V-5% Monitor
DS1815	TO-92	-40C to +85C	DS1815-10	3.3V-10% Monitor
	TO-92	-40C to +85C	DS1815-20	3.3V-20% Monitor
	TO-92	-40C to +85C	DS1815-5	3.3V-5% Monitor
	SOT-23/T&R	-40C to +85C	DS1815R-10/T&R	3.3V-10% Monitor
	SOT-23/T&R	-40C to +85C	DS1815R-20	3.3V-20% Monitor
	SOT-23/T&R	-40C to +85C	DS1815R-5/T&R	3.3V-5% Monitor
DS1816	TO-92	-40C to +85C	DS1816-10	3.3V-10% Monitor
	TO-92	-40C to +85C	DS1816-20	3.3V-20% Monitor
	TO-92	-40C to +85C	DS1816-5	3.3V-5% Monitor
	SOT-23/T&R	-40C to +85C	DS1816R-10/T&R	3.3V-10% Monitor
	SOT-23/T&R	-40C to +85C	DS1816R-20/T&R	3.3V-20% Monitor
	SOT-23/T&R	-40C to +85C	DS1816R-5/T&R	3.3V-5% Monitor
DS1817	TO-92	-40C to +85C	DS1817-10	3.3V-10% Monitor
	TO-92	-40C to +85C	DS1817-20	3.3V-20% Monitor
	TO-92	-40C to +85C	DS1817-5	3.3V-5% Monitor
	SOT-23/T&R	-40C to +85C	DS1817R-10/T&R	3.3V-10% Monitor
	SOT-23/T&R	-40C to +85C	DS1817R-20/T&R	3.3V-20% Monitor
	SOT-23/T&R	-40C to +85C	DS1817R-5/T&R	3.3V-5% Monitor
DS1818	TO-92	-40C to +85C	DS1818-10	3.3V-10% Monitor
	TO-92	-40C to +85C	DS1818-20	3.3V-20% Monitor
	TO-92	-40C to +85C	DS1818-5	3.3V-5% Monitor
	SOT-23/T&R	-40C to +85C	DS1818R-10/T&R	3.3V-10% Monitor
	SOT-23/T&R	-40C to +85C	DS1818R-20/T&R	3.3V-20% Monitor
	SOT-23/T&R	-40C to +85C	DS1818R-5/T&R	3.3V-5% Monitor
DS1819	SOT-23-5/T&R	-40C to +85C	DS1819AR-10/T&R	3.3V-10% Monitor
	SOT-23-5/T&R	-40C to +85C	DS1819AR-20/T&R	3.3V-20% Monitor
	SOT-23-5/T&R	-40C to +85C	DS1819AR-5/T&R	3.3V-5% Monitor
	FlipChipPkg/T&R	-40C to +85C	DS1819AX-20/T&R	3.3V-20% Monitor
	SOT-23-5/T&R	-40C to +85C	DS1819BR-10/T&R	3.3V-10% Monitor
	SOT-23-5/T&R	-40C to +85C	DS1819BR-20/T&R	3.3V-20% Monitor

	SOT-23-5/T&R	-40C to +85C	DS1819BR-5/T&R	3.3V-5% Monitor
	SOT-23-5/T&R	-40C to +85C	DS1819CR-10/T&R	3.3V-10% Monitor
	SOT-23-5/T&R	-40C to +85C	DS1819CR-20/T&R	3.3V-20% Monitor
	SOT-23-5/T&R	-40C to +85C	DS1819CR-5/T&R	3.3V-5% Monitor
DS1820	PR-35 16-Pin SSOP	-55 to +125 -55 to +125	DS1820 DS1820S	
DS1821	PR-35 8-Pin SOIC	-55 to +125 -55 to +125	DS1821 DS1821S	
DS1822	3-Pin TO-92 Flipchip 8-Pin SOIC	-55 to +125 -55 to +125 -55 to +125	DS1822 DS1822X DS1822Z	
DS1830	8 Pin DIP 300mil 8 Pin DIP 300mil 8 Pin SO 150mil μ-SOP 8 Pin DIP 300mil 8 Pin SO 150mil μ-SOP 8 Pin SO 150mil μ-SOP	-40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C	DS1830 DS1830A DS1830AS DS1830AU DS1830B DS1830BS DS1830BU DS1830S DS1830U	5.0V Reset Sequencer 3.3V Reset Sequencer 3.3V Reset Sequencer 3.3V Reset Sequencer 2.5V Reset Sequencer 2.5V Reset Sequencer 2.5V Reset Sequencer 5.0V Reset Sequencer 5.0V Reset Sequencer
DS1831	16 Pin DIP 300mil 16 Pin DIP 300mil 16 Pin SO 150mil 16 Pin DIP 300mil 16 Pin SO 150mil 16 Pin DIP 300mil 16 Pin SO 150mil 16 Pin DIP 300mil 16 Pin SO 150mil 16 Pin DIP 300mil 16 Pin SO 150mil 16 Pin SO 150mil	-40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C -40C to +85C	DS1831 DS1831A DS1831AS DS1831B DS1831BS DS1831C DS1831CS DS1831D DS1831DS DS1831E DS1831ES DS1831S	w/WD w/WD w/Reset Status w/Reset Status 2.5V and 3.0V 2.5V and 3.0V w/WD w/WD w/Reset Status w/Reset Status
DS1832	8 Pin DIP 300mil 8 Pin SO 150mil μ-SOP	-40C to +85C -40C to +85C 0C to +70C	DS1832 DS1832S DS1832U	
DS1833	TO-92 TO-92 TO-92 SOT-223	-40C to +85C -40C to +85C -40C to +85C -40C to +85C	DS1833-10 DS1833-15 DS1833-5 DS1833Z-10	5.0V-10% Monitor 5.0V-15% Monitor 5.0V-5% Monitor 5.0V-10% Monitor

	SOT-223	-40C to +85C	DS1833Z-15	5.0V-15% Monitor
	SOT-223	-40C to +85C	DS1833Z-5	5.0V-5% Monitor
DS1834	8 Pin DIP 300mil	-40C to +85C	DS1834	CMOS Active Low
	8 Pin DIP 300mil	-40C to +85C	DS1834A	Open Drain Act. Low
	8 Pin SO 150mil	-40C to +85C	DS1834AS	Open Drain Act. Low
	μ-SOP	-40C to +85C	DS1834AU	Open Drain Act. Low
	FlipChipPkg/T&R	-40C to +85C	DS1834AX/T&R	Open Drain Act. Low
	8 Pin DIP 300mil	-40C to +85C	DS1834D	CMOS Active High
	8 Pin SO 150mil	-40C to +85C	DS1834DS	CMOS Active High
	μ-SOP	-40C to +85C	DS1834DU	CMOS Active High
	8 Pin SO 150mil	-40C to +85C	DS1834S	CMOS Active Low
	μ-SOP	-40C to +85C	DS1834U	CMOS Active Low
	FlipChipPkg/T&R	-40C to +85C	DS1834X/T&R	CMOS Active Low
DS1836	8 Pin DIP 300mil	-40C to +85C	DS1836A-10	5.0V-10% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1836A-5	5.0V-5% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1836AS-10	5.0V-10% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1836AS-5	5.0V-5% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1836B-10	5.0V-10% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1836B-5	5.0V-5% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1836BS-10	5.0V-10% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1836BS-5	5.0V-5% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1836C-10	3.3V-10% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1836C-20	3.3V-20% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1836CS-10	3.3V-10% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1836CS-20	3.3V-20% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1836D-10	3.3V-10% Monitor
	8 Pin DIP 300mil	-40C to +85C	DS1836D-20	3.3V-20% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1836DS-10	3.3V-10% Monitor
	8 Pin SO 150mil	-40C to +85C	DS1836DS-20	3.3V-20% Monitor
DS1844	20-Pin DIP	-40C to +85C	DS1844-010	10K ohms
	20-Pin DIP	-40C to +85C	DS1844-050	50K ohms
	20-Pin DIP	-40C to +85C	DS1844-100	100K ohms
	20-Pin TSSOP	-40C to +85C	DS1844E-010	10K ohms
	20-Pin TSSOP/T&R	-40C to +85C	DS1844E-010/T&R	10K ohms
	20-Pin TSSOP	-40C to +85C	DS1844E-050	50K ohms
	20-Pin TSSOP/T&R	-40C to +85C	DS1844E-050/T&R	50K ohms
	20-Pin TSSOP	-40C to +85C	DS1844E-100	100K ohms
	20-Pin TSSOP/T&R	-40C to +85C	DS1844E-100/T&R	100K ohms
	20-Pin SOIC	-40C to +85C	DS1844S-010	10K ohms
	20-Pin SOIC/T&R	-40C to +85C	DS1844S-010/T&R	10K ohms
	20-Pin SOIC	-40C to +85C	DS1844S-050	50K ohms
	20-Pin SOIC/T&R	-40C to +85C	DS1844S-050/T&R	50K ohms
	20-Pin SOIC	-40C to +85C	DS1844S-100	100K ohms

	20-Pin SOIC/T&R	-40C to +85C	DS1844S-100/T&R	100K ohms
DS1845	16-Ball STPBGA	-40C to +85C	DS1845B-010	10K/10K ohms
	16-Ball STPBGA	-40C to +85C	DS1845B-050	10K/50K ohms
	16-Ball STPBGA	-40C to +85C	DS1845B-100	10K/100K ohms
	16-Ball STPBGA	-40C to +85C	DS1845B-200	100K/100K ohms
	14-Pin TSSOP	-40C to +85C	DS1845E-010	10K/10K ohms
	14-Pin TSSOP/T&R	-40C to +85C	DS1845E-010/T&R	10K/10K ohms
	14-Pin TSSOP	-40C to +85C	DS1845E-050	10K/50K ohms
	14-Pin TSSOP/T&R	-40C to +85C	DS1845E-050/T&R	10K/50K ohms
	14-Pin TSSOP	-40C to +85C	DS1845E-100	10K/100K ohms
	14-Pin TSSOP/T&R	-40C to +85C	DS1845E-100/T&R	10K/100K ohms
	14-Pin TSSOP	-40C to +85C	DS1845E-200	100K/100K ohms
	14-Pin TSSOP/T&R	-40C to +85C	DS1845E-200/T&R	100K/100K ohms
	14-Pin FCP	-40C to +85C	DS1845X-010	10K/10K ohms
	14-Pin FCP	-40C to +85C	DS1845X-050	10K/50K ohms
	14-Pin FCP	-40C to +85C	DS1845X-100	10K/100K ohms
	14-Pin FCP	-40C to +85C	DS1845X-200	100K/100K ohms
DS1866	8-Pin DIP	-40 to +85	DS1866	10K ohms
	8-Pin SOIC	-40 to +85	DS1866Z	10K ohms
DS1867	14-Pin DIP	-40 to +85	DS1867-010	10K ohms
	14-Pin DIP	-40 to +85	DS1867-050	50K ohms
	14-Pin DIP	-40 to +85	DS1867-100	100K ohms
	20-Pin TSSOP	-40 to +85	DS1867E-010	10K ohms
	20-Pin TSSOP/T&R	-40 to +85	DS1867E-010/T&R	10K ohms
	20-Pin TSSOP	-40 to +85	DS1867E-050	50K ohms
	20-Pin TSSOP/T&R	-40 to +85	DS1867E-050/T&R	50K ohms
	20-Pin TSSOP	-40 to +85	DS1867E-100	100K ohms
	20-Pin TSSOP/T&R	-40 to +85	DS1867E-100/T&R	100K ohms
	16-Pin SOIC	-40 to +85	DS1867S-010	10K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1867S-010/T&R	10K ohms
	16-Pin SOIC	-40 to +85	DS1867S-050	50K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1867S-050/T&R	50K ohms
	16-Pin SOIC	-40 to +85	DS1867S-100	100K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1867S-100/T&R	100K ohms
DS1868	14-Pin DIP	-40 to +85	DS1868-010	10K ohms
	14-Pin DIP	-40 to +85	DS1868-050	50K ohms
	14-Pin DIP	-40 to +85	DS1868-100	100K ohms
	20-Pin TSSOP	-40 to +85	DS1868E-010	10K ohms
	20-Pin TSSOP/T&R	-40 to +85	DS1868E-010/T&R	10K ohms
	20-Pin TSSOP	-40 to +85	DS1868E-050	50K ohms
	20-Pin TSSOP/T&R	-40 to +85	DS1868E-050/T&R	50K ohms
	20-Pin TSSOP	-40 to +85	DS1868E-100	100K ohms

	20-Pin TSSOP/T&R	-40 to +85	DS1868E-100/T&R	100K ohms
	16-Pin SOIC	-40 to +85	DS1868S-010	10K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1868S-010/T&R	10K ohms
	16-Pin SOIC	-40 to +85	DS1868S-050	50K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1868S-050/T&R	50K ohms
	16-Pin SOIC	-40 to +85	DS1868S-100	100K ohms
	16-Pin SOIC/T&R	-40 to +85	DS1868S-100/T&R	100K ohms
DS1869	8-Pin DIP	-40 to +85	DS1869-010	10K ohms
	8-Pin DIP	-40 to +85	DS1869-050	50K ohms
	8-Pin DIP	-40 to +85	DS1869-100	100K ohms
	8-Pin SOIC	-40 to +85	DS1869S-010	10K ohms
	8-Pin SOIC/T&R	-40 to +85	DS1869S-010/T&R	10K ohms
	8-Pin SOIC	-40 to +85	DS1869S-050	50K ohms
	8-Pin SOIC/T&R	-40 to +85	DS1869S-050/T&R	50K ohms
	8-Pin SOIC	-40 to +85	DS1869S-100	100K ohms
	8-Pin SOIC/T&R	-40 to +85	DS1869S-100/T&R	100K ohms
DS18B20	3-Pin TO-92	-55 to +125	DS18B20	
	Flipchip	-55 to +125	DS18B20X	
	8-Pin SOIC	-55 to +125	DS18B20Z	
DS18S20	3-Pin TO-92	-55 to +125	DS18S20	
	8-Pin SOIC	-55 to +125	DS18S20Z	
DS1904	iButton	0 to 70	DS1904L-F5	F5 MicroCan
DS1920	iButton	-55 to +100	DS1920-F5	F5 MicroCan
DS1921	iButton	-10 to +85	DS1921L-F51	F5 MicroCan
	iButton	-20 to +85	DS1921L-F52	F5 MicroCan
	iButton	-30 to +85	DS1921L-F53	F5 MicroCan
DS1921K	Kit		DS1921K	iButton Thermochoon Starter Kit
DS1963	iButton	-40 to +70	DS1963L-F5	F5 MicroCan
	iButton	-40 to +70	DS1963S-F5	w/SHA-1 engine, F5 MicroCan
DS1971	iButton	-40 to +85	DS1971-F3	F3 MicroCan
	iButton	-40 to +85	DS1971-F5	F5 MicroCan
DS1973	iButton	-40 to +85	DS1973-F3	F3 MicroCan
	iButton	-40 to +85	DS1973-F5	F5 MicroCan
DS1982	iButton	-40 to +85	DS1982-F3	F3 MicroCan
	iButton	-40 to +85	DS1982-F5	F5 MicroCan

DS1985	iButton	-40 to +85	DS1985-F3	F3 MicroCan
	iButton	-40 to +85	DS1985-F5	F5 MicroCan
DS1986	iButton	-40 to +85	DS1986-F3	F3 MicroCan
	iButton	-40 to +85	DS1986-F5	F5 MicroCan
DS1990A	iButton	-40 to +85	DS1990A-F3	F3 MicroCan
	iButton	-40 to +85	DS1990A-F5	F5 MicroCan
DS1991	iButton	-40 to +70	DS1991L-F5	F5 MicroCan
DS1992	iButton	-40 to +70	DS1992L-F5	F5 MicroCan
DS1993	iButton	-40 to +70	DS1993L-F5	F5 MicroCan
DS1994	iButton	-40 to +70	DS1994L-F5	F5 MicroCan
DS1995	iButton	-40 to +70	DS1995L-F5	F5 MicroCan
DS1996	iButton	-40 to +70	DS1996L-F5	F5 MicroCan
DS2016	24-Pin DIP	-40 to +85	DS2016	100 ns
	24-Pin SOIC	-40 to +85	DS2016S	100 ns
DS2064	28-Pin DIP	-40 to +85	DS2064-200	200 ns
	28-Pin SOIC	-40 to +85	DS2064S-200	200 ns
DS2130	28-Pin DIP	0 to 70	DS2130	
	28-Pin DIP	-40 to +85	DS2130N	
	28-Pin PLCC	0 to 70	DS2130Q	
	28-Pin PLCC	-40 to +85	DS2130QN	
DS2132A	28-Pin DIP	0 to 70	DS2132A	
	28-Pin DIP	-40 to +85	DS2132AN	
	28-Pin PLCC	0 to 70	DS2132AQ	
	28-Pin PLCC	-40 to +85	DS2132AQN	
DS21352	100-Pin LQFP	0 to 70	DS21352L	
	100-Pin LQFP	-40 to +85	DS21352LN	
DS21354	100-Pin LQFP	0 to 70	DS21354L	
	100-Pin LQFP	-40 to +85	DS21354LN	
DS21372	32-Pin TQFP	0 to 70	DS21372T	
	32-Pin TQFP	-40 to +85	DS21372TN	
DS2141A	40-Pin DIP	0 to 70	DS2141A	
	40-Pin DIP	-40 to +85	DS2141AN	
	44-Pin PLCC	0 to 70	DS2141AQ	
	44-Pin PLCC	-40 to +85	DS2141AQN	

DS2143	40-Pin DIP	0 to 70	DS2143	3 volt
	40-Pin DIP	-40 to +85	DS2143N	
	44-Pin PLCC	0 to 70	DS2143Q	
	44-Pin PLCC	-40 to +85	DS2143QN	
DS2148	7 mm CABGA	0 to 70	DS2148G	
	7 mm CABGA	-40 to +85	DS2148GN	
	44-pin TQFP	0 to 70	DS2148T	
	44-pin TQFP	-40 to +85	DS2148TN	
DS2151	44-Pin PLCC	0 to 70	DS2151QB	
	44-Pin PLCC	-40 to +85	DS2151QNB	
DS2152	100-Pin LQFP	0 to 70	DS2152L	
	100-Pin LGFP	-40 to +85	DS2152LN	
DS2153	44-Pin PLCC	0 to 70	DS2153Q-A7	
	44-Pin PLCC	-40 to +85	DS2153QN-A7	
DS2154	100-Pin LQFP	0 to 70	DS2154L	
	100-Pin LQFP	-40 to +85	DS2154LN	
DS21552	100-Pin LQFP	0 to 70	DS21552L	
	100-Pin LQFP	-40 to +85	DS21552LN	
DS21554	100-Pin LQFP	0 to 70	DS21554L	
	100-Pin LQFP	-40 to +85	DS21554LN	
DS2164Q	28-Pin PLCC	0 to 70	DS2164Q	
	28-Pin PLCC	-40 to +85	DS2164QN	
DS2165	24-Pin DIP	0 to 70	DS2165	
	24-Pin DIP	-40 to +85	DS2165N	
	28-Pin PLCC	0 to 70	DS2165Q	
	28-Pin PLCC	0 to 70	DS2165QL	
	28-Pin PLCC	-40 to +85	DS2165QN	
DS2172	32-Pin TQFP	0 to 70	DS2172T	
	32-Pin TQFP	-40 to +85	DS2172TN	
DS2175	16-Pin DIP	0 to 70	DS2175	
	16-Pin DIP	-40 to +85	DS2175N	
	16-Pin SOIC	0 to 70	DS2175S	
	16-Pin SOIC	-40 to +85	DS2175SN	
DS2176	24-Pin DIP	0 to 70	DS2176	

	24-Pin DIP	-40 to +85	DS2176N
	28-Pin PLCC	0 to 70	DS2176Q
	28-Pin PLCC	-40 to +85	DS2176QN
DS2180A	40-Pin DIP	0 to 70	DS2180A
	40-Pin DIP	-40 to +85	DS2180AN
	44-Pin PLCC	0 to 70	DS2180AQ
	44-Pin PLCC	-40 to +85	DS2180AQN
DS2181A	40-Pin DIP	0 to 70	DS2181A
	40-Pin DIP	-40 to +85	DS2181AN
	44-Pin PLCC	0 to 70	DS2181AQ
	44-Pin PLCC	-40 to +85	DS2181AQN
DS2182A	28-Pin DIP	0 to 70	DS2182A
	28-Pin DIP	-40 to +85	DS2182AN
	28-Pin PLCC	0 to 70	DS2182AQ
	28-Pin PLCC	-40 to +85	DS2182AQN
DS2186	20-Pin DIP	0 to 70	DS2186
	20-Pin DIP	-40 to +85	DS2186N
	20-Pin SOIC	0 to 70	DS2186S
	20-Pin SOIC	-40 to +85	DS2186SN
DS2187	18-Pin DIP	0 to 70	DS2187
	20-Pin SOIC	0 to 70	DS2187S
DS2188	16-Pin DIP	0 to 70	DS2188
	16-Pin DIP	-40 to +85	DS2188N
	16-Pin SOIC	0 to 70	DS2188S
	16-Pin SOIC	-40 to +85	DS2188SN
DS21FF42	300-Pin MCM BGA	0 to 70	DS21FF42
	300-Pin MCM BGA	-40 to +85	DS21FF42N
DS21FF44	300-Pin MCM BGA	0 to 70	DS21FF44
	300-Pin MCM BGA	-40 to +85	DS21FF44N
DS21FT40	300-Pin MCM BGA	0 to 70	DS21FT40
	300-Pin MCM BGA	-40 to +85	DS21FT40N
DS21FT42	300-Pin MCM BGA	0 to 70	DS21FT42
	300-Pin MCM BGA	-40 to +85	DS21FT42N
DS21FT44	300-Pin MCM BGA	0 to 70	DS21FT44
	300-Pin MCM BGA	-40 to +85	DS21FT44N

DS21Q352	256-Pin MCM BGA	0 to 70	DS21Q352	
	256-Pin MCM BGA	-40 to +85	DS21Q352N	
DS21Q354	256-Pin MCM BGA	0 to 70	DS21Q354	
	256-Pin MCM BGA	-40 to +85	DS21Q354N	
DS21Q41B	128-Pin TQFP	0 to 70	DS21Q41BT	
	128-Pin TQFP	0 to 70	DS21Q41BT	
	128-Pin TQFP	-40 to +85	DS21Q41BTN	
DS21Q42	128-Pin TQFP	0 to 70	DS21Q42T	
	128-Pin TQFP	-40 to +85	DS21Q42TN	
DS21Q43A	128-Pin TQFP	0 to 70	DS21Q43AT	
	128-Pin TQFP	-40 to +85	DS21Q43ATN	
DS21Q44	128-Pin TQFP	0 to 70	DS21Q44T	
	128-Pin TQFP	-40 to +85	DS21Q44TN	
DS21Q48	144-Pin Quad BGA	0 to 70	DS21Q48	
	144-Pin Quad BGA	-40 to +85	DS21Q48N	
DS21Q552	256-Pin MCM BGA	0 to 70	DS21Q552	
	256-Pin MCM BGA	-40 to +85	DS21Q552N	
DS21Q554	256-Pin MCM BGA	0 to 70	DS21Q554	
	256-Pin MCM BGA	-40 to +85	DS21Q554N	
DS2227	72-Pin SIMM	0 to 70	DS2227-100	100 ns
	72-Pin SIMM	0 to 70	DS2227-120	120 ns
	72-Pin SIMM	0 to 70	DS2227-70	70 ns
DS229	20-Pin DIP	0 to 70	DS229	
	20-Pin DIP	-40 to +85	DS229N	
	20-Pin TSSOP	0 to 70	DS229E	
	20-Pin TSSOP	-40 to +85	DS229EN	
	20-Pin SOIC	0 to 70	DS229S	
	20-Pin SOIC	-40 to +85	DS228SN	
	20-Pin SOIC T&R	0 to 70	DS229S/T&R	
DS2229	80-Pin SIMM	0 to 70	DS2229-85	85 ns
DS2250	40-Pin SIMM 32k bytes	0 to 70	DS2250-32-16	16 MHz
	40-Pin SIMM 64k bytes	0 to 70	DS2250-64-16	16 MHz
	40-Pin SIMM 8k bytes	0 to 70	DS2250-8-16	16 MHz

DS2250T	40-Pin SIMM 32k bytes	0 to 70	DS2250T-32-16	16 MHz w/RTC
	40-Pin SIMM 64k bytes	0 to 70	DS2250T-64-16	16 MHz w/RTC
	40-Pin SIMM 8k bytes	0 to 70	DS2250T-8-16	16 MHz w/RTC
DS2251T	72-Pin SIMM 128k bytes	0 to 70	DS2251T-128-16	16 MHz w/RTC
	72-Pin SIMM 32k bytes	0 to 70	DS2251T-32-16	16 MHz w/RTC
	72-Pin SIMM 64k bytes	0 to 70	DS2251T-64-16	16 MHz w/RTC
DS2252T	40-Pin SIMM 128k bytes	0 to 70	DS2252T-128-16	16 MHz w/RTC
	40-Pin SIMM 32k bytes	0 to 70	DS2252T-32-16	16 MHz w/RTC
	40-Pin SIMM 64k bytes	0 to 70	DS2252T-64-16	16 MHz w/RTC
DS232A	16-Pin DIP	0 to 70	DS232A	
	16-Pin DIP	-40 to +85	DS232A-N	
	20-Pin TSSOP	0 to 70	DS232AE	
	20-Pin TSSOP	-40 to +85	DS232AE-N	
	16-Pin SOIC (150-Mil)	0 to 70	DS232AR	
	16-Pin SOIC (150-Mil) T&R	0 to 70	DS232AR/T&R	
	16-Pin SOIC (150-Mil)	-40 to +85	DS232AR-N	
	16-Pin SOIC (150-Mil) T&R	-40 to +85	DS232AR-N/T&R	
	16-Pin SOIC (150-Mil)	0 to 70	DS232AS	
	16-Pin SOIC (150-Mil) T&R	0 to 70	DS232AS/T&R	
	16-Pin SOIC (150-Mil)	-40 to +85	DS232AS-N	
	16-Pin SOIC (150-Mil) T&R	-40 to +85	DS232AS-N/T&R	
DS2401	TO-92	-40 to +85	DS2401	
	TO-92/T&R	-40 to +85	DS2401/AMOPAK	
	TO-92/T&R	-40 to +85	DS2401/T&R	
	TO-92/T&R	-40 to +85	DS2401/T&R/SL	Straight Leads
	6-Lead TSOC	-40 to +85	DS2401P	
	6-Lead TSOC/T&R	-40 to +85	DS2401P/T&R	
	Chip Scale/T&R	-40 to +85	DS2401X1	
	SOT-223	-40 to +85	DS2401Z	
	SOT-223/T&R	-40 to +85	DS2401Z/T&R	
DS2404	16-Pin DIP	-40 to +85	DS2404-001	
	16-Pin SSOP	-40 to +85	DS2404B	
	16-Pin SSOP/T&R	-40 to +85	DS2404B/T&R	
	16-Pin SOIC	-40 to +85	DS2404-C01	Touch Pen (84/001)
	16-Pin SOIC	-40 to +85	DS2404S-001	
	16-Pin SOIC/T&R	-40 to +85	DS2404S-001/T&R	
	16-Pin SOIC	-40 to +85	DS2404S-C01	Touch Pen (84/001)
DS2405	TO-92	-40 to +85	DS2405	
	TO-92/T&R	-40 to +85	DS2405/T&R	

	6-Lead TSOC	-40 to +85	DS2405P	
	6-Lead TSOC/T&R	-40 to +85	DS2405P/T&R	
	SOT-223	-40 to +85	DS2405Z	
	SOT-223/T&R	-40 to +85	DS2405Z/T&R	
DS2406	TO-92	-40 to +85	DS2406	
	TO-92/T&R	-40 to +85	DS2406/T&R	
	6-Lead TSOC	-40 to +85	DS2406P	
	6-Lead TSOC/T&R	-40 to +85	DS2406P/T&R	
	Chip Scale/T&R	-40 to +85	DS2406X	
DS2407	TO-92	-40 to +85	DS2407	
	6-Lead TSOC	-40 to +85	DS2407P	
DS2409	6-Lead TSOC	-40 to +85	DS2409P	
	6-Lead TSOC/T&R	-40 to +85	DS2409P/T&R	
DS2415	6-Pin TSOC	-40 to +85	DS2415P	
	Flipchip	-40 to +85	DS2415X	
DS2417	6-Lead TSOC	-40 to +85	DS2417P	
	6-Lead TSOC/T&R	-40 to +85	DS2417P/T&R	
	Chip Scale/T&R	-40 to +85	DS2417X	
DS2423	6-Lead TSOC	-40 to +85	DS2423P	
	6-Lead TSOC	-40 to +85	DS2423P	
	6-Lead TSOC/T&R	-40 to +85	DS2423P/T&R	
	Chip Scale/T&R	-40 to +85	DS2423X	
DS2430A	TO-92	-40 to +85	DS2430A	
	TO-92/T&R	-40 to +85	DS2430A/T&R	
	6-Lead TSOC	-40 to +85	DS2430AP	
	6-Lead TSOC/T&R	-40 to +85	DS2430AP/T&R	
	Chip Scale/T&R	-40 to +85	DS2430AX	
DS2433	PR-35	-40 to +85	DS2433	
	PR-35/T&R	-40 to +85	DS2433/T&R	
	8-Pin SOIC	-40 to +85	DS2433S	
	8-Pin SOIC/T&R	-40 to +85	DS2433S/T&R	
	Chip Scale/T&R	-40 to +85	DS2433X	
DS2433-Z01	8-Pin SOIC	-40 to +85	DS2433S-Z01	10k write cycles
	8-Pin SOIC/T&R	-40 to +85	DS2433S-Z01/T&R	10k write cycles
	Chip Scale/T&R	-40 to +85	DS2433X-Z01	10k write cycles
	PR-35	-40 to +85	DS2433-Z01	10k write cycles
	PR-35/T&R	-40 to +85	DS2433-Z01/T&R	10k write cycles

DS2434 DS2434S	PR-35 16-Pin SSOP	-40 to +85 -40 to +85	DS2434 DS2434S	
DS2435 DS2435S	PR-35 16-Pin SSOP	-40 to +85 -40 to +85	DS2435 DS2435S	
DS2436	PR-35 3-Pin TO-92 8-Pin SOIC	-40 to +85 -40 to +85 -40 to +85	DS2436 DS2436B DS2436Z	
DS2437 DS2437	16-Pin SSOP 16-Pin SSOP	-40 to +85 -40 to +85	DS2437 DS2437S	
DS2438	8-Pin SOIC	-40 to +85	DS2438Z	
DS2441 DS2441	Flipchip 8-Pin SOIC	-40 to +85 -40 to +85	DS2441X DS2441Z	
DS2442 DS2442	Flipchip 8-Pin SOIC	-40 to +85 -40 to +85	DS2442X DS2442Z	
DS2450 DS2450 DS2450 DS2450K	8-Pin SOIC 8-Pin SOIC 8-Pin SOIC/T&R Kit	-40 to +85 -40 to +85 -40 to +85	DS2450S DS2450S DS2450S/T&R DS2450K	10k write cycles DS2450 Development Kit
DS2480 DS2480B DS2480B	8-Pin SOIC 8-Pin SOIC 8-Pin SOIC/T&R	-40 to +85 -40 to +85 -40 to +85	DS2480S DS2480B DS2480B/T&R	
DS2490	24-Pin SOIC 24-Pin SOIC/T&R Chip Scale/T&R	0 to 70 0 to 70 0 to 70	DS2490S DS2490S/T&R DS2490X	
DS2502	TO-92 6-Pin TSOC 8-Pin SOIC	-40 to +85 -40 to +85 -40 to +85	DS2502 DS2502P DS2502S	
DS2502-E64	TO-92 6-Pin TSOC TO-92 6-Pin TSOC	-40 to +85 -40 to +85 -40 to +85 -40 to +85	90-U0901-128 90-U09P1-128 DS2502-E64 DS2502P-E64	Dallas IEEE EUI-64 Node ID Dallas IEEE EUI-64 Node ID IEEE EUI-64 Node ID IEEE EUI-64 Node ID
DS2502-UNW	6-Pin TSOC 8-Pin SOIC	-40 to +85 -40 to +85	DS2502P-UNW-PPPP DS2502S-UNW-PPPP	

DS2505	TO-92	-40 to +85	DS2502-UNW-PPPP	
	TO-92	-40 to +85	DS2505	
	TO-92	-40 to +85	DS2505	
	TO-92/T&R	-40 to +85	DS2505/T&R	
	6-Pin TSOC	-40 to +85	DS2505P	
	6-Pin TSOC	-40 to +85	DS2505P	
	6-Pin TSOC/T&R	-40 to +85	DS2505P/T&R	
DS2506	PR-35	-40 to +85	DS2506	
	PR-35	-40 to +85	DS2506	
	8-Pin SOIC	-40 to +85	DS2506S	
	8-Pin SOIC	-40 to +85	DS2506S	
DS275	8-Pin DIP	0 to 70	DS275	
	8-Pin DIP	-40 to +85	DS275-N	
	14-Pin TSSOP	0 to 70	DS275E	
	14-Pin TSSOP T&R	0 to 70	DS275E/T&R	
	14-Pin TSSOP	-40 to +85	DS275E-N	
	8-Pin SOIC	0 to 70	DS275S	
	8-Pin SOIC T&R	0 to 70	DS275S/T&R	
DS276	8-Pin DIP	0 to 70	DS276	
	8-Pin TSSOP	0 to 70	DS276E	
	8-Pin SOIC	0 to 70	DS276S	
	8-Pin SOIC T&R	0 to 70	DS276S/T&R	
	8-Pin SOIC	0 to 70	DS276SN	
	8-Pin SOIC T&R	0 to 70	DS276SN/T&R	
DS2760	16-Pin TSSOP	-40 to +85	DS2760E	
	16-Pin TSSOP	-40 to +85	DS2760E-025	Integrated 25mOhm Rsense
	Flipchip	-40 to +85	DS2760X	
	Flipchip	-40 to +85	DS2760X-025	Integrated 25mOhm Rsense
DS2890	TO-92	-40 to +85	DS2890	
	TO-92/T&R	-40 to +85	DS2890/T&R	
	6-Lead TSOC	-40 to +85	DS2890P	
	6-Lead TSOC/T&R	-40 to +85	DS2890P/T&R	
	Chip Scale/T&R	-40 to +85	DS2890X	
DS32KHz	36-Pin BGA	0 to 70	DS32KHZ/BGA	
	14-Pin Encap. DIP	0 to 70	DS32KHZ/DIP	
	36-Pin BGA	-40 to +85	DS32KHZN/BGA	
	14-Pin Encap. DIP	-40 to +85	DS32KHZN/DIP	
DS3800	Battery Cap	-40 to +85	DS3800	

DS4201	28-Pin DIP	0 to 70	DS4201	
	28-Pin DIP	0 to 70	DS4201	
	44-Pin QFP	0 to 70	DS4201F	
	44-Pin QFP	0 to 70	DS4201F	
DS4802	8-Pin DIP	0 to 70	DS4802	
	8-Pin SOIC	0 to 70	DS4802S	
	8-Pin uSOP	0 to 70	DS4802U	
	8-bump Flip-Chip	0 to 70	DS4802X	
DS4812	8-Pin DIP	0 to 70	DS4812	
	8-Pin SOIC	0 to 70	DS4812S	
	8-Pin uSOP	0 to 70	DS4812U	
	8-bump Flip-Chip	0 to 70	DS4812X	
DS5000	40-Pin Module 32k bytes	0 to 70	DS5000-32-16	16 MHz
DS5000	40-Pin Module 8k bytes	0 to 70	DS5000-8-16	16 MHz
DS5000FP	80-Pin TQFP	0 to 70	DS5000FP-16	16 MHz
DS5000T	40-Pin Module 32k bytes	0 to 70	DS5000T-32-16	16 MHz w/RTC
DS5000T	40-Pin Module 8k bytes	0 to 70	DS5000T-8-16	16 MHz w/RTC
DS5001FP	80-Pin TQFP	0 to 70	DS5001FP-16	16 MHz
DS5002FP	80-Pin TQFP	0 to 70	DS5002FP-16	16 MHz
DS5002FPM	80-Pin TQFP	0 to 70	DS5002FPM-16	16 MHz
DS56	8-Pin SOIC	-40 to +125	DS56S	
	8-Pin SOIC	-40 to +125	DS56S	
	8-Pin uSOP	-40 to +125	DS56U	
	Flipchip	-40 to +125	DS56X	
DS60	3-Pin SOT23	-40 to +125	DS60R	
	3-Pin SOT23	-40 to +125	DS60R	
	Flipchip	-40 to +125	DS60X	
DS75	8-Pin SOIC	-55 to +125	DS75S	
	8-Pin SOIC	-55 to +125	DS75S	
	8-Pin uSOP	-55 to +125	DS75U	
	Flipchip	-55 to +125	DS75X	
DS76KHz	36-Pin BGA	0 to 70	DS76KHz/BGA	
	36-Pin BGA	-40 to +85	DS76KHzN/BGA	
DS80C310	44-Pin TQFP	0 to 70	DS80C310-ECG	25 MHz
	40-Pin PDIP	0 to 70	DS80C310-MCG	25 MHz
	44-Pin PLCC	0 to 70	DS80C310-QCG	25 MHz
DS80C320	44-Pin TQFP	0 to 70	DS80C320-ECG	25 MHz

	44-Pin TQFP	0 to 70	DS80C320-ECL	33 MHz
	44-Pin TQFP	-40 to +85	DS80C320-ENG	25 MHz
	44-Pin TQFP	-40 to +85	DS80C320-ENL	33 MHz
	40-Pin PDIP	0 to 70	DS80C320-MCG	25 MHz
	40-Pin PDIP	0 to 70	DS80C320-MCL	33 MHz
	40-Pin PDIP	-40 to +85	DS80C320-MNG	25 MHz
	40-Pin PDIP	-40 to +85	DS80C320-MNL	33 MHz
	44-Pin PLCC	0 to 70	DS80C320-QCG	25 MHz
	44-Pin PLCC	0 to 70	DS80C320-QCL	33 MHz
	44-Pin PLCC	-40 to +85	DS80C320-QNG	25 MHz
	44-Pin PLCC	-40 to +85	DS80C320-QNL	33 MHz
DS80C323	44-Pin TQFP	0 to 70	DS80C323-ECD	18 MHz
	40-Pin DIP	0 to 70	DS80C323-MCD	18 MHz
	44-Pin PLCC	0 to 70	DS80C323-QCD	18 MHz
DS80C390	64-Pin LQFP	0 to 70	DS80C390-FCR	40 MHz
	64-Pin LQFP	-40 TO +85	DS80C390-FNR	40 MHz
	68-Pin PLCC	0 to 70	DS80C390-QCR	40 MHz
	68-Pin PLCC	-40 TO +85	DS80C390-QNR	40 MHz
DS80CH11	128-Pin TQFP	0 to 70	DS80CH11-E02	
DS87C520	44-Pin TQFP	0 to 70	DS87C520-ECL	33 MHz
	44-Pin TQFP	-40 to +85	DS87C520-ENL	33 MHz
	40-Pin PDIP	0 to 70	DS87C520-MCL	33 MHz
	40-Pin PDIP	-40 to +85	DS87C520-MNL	33 MHz
	44-Pin PLCC	0 to 70	DS87C520-QCL	33 MHz
	44-Pin PLCC	-40 to +85	DS87C520-QNL	33 MHz
	40-Pin Windowed	0 to 70	DS87C520-WCL	33 MHz
DS87C530	52-Pin TQFP	0 to 70	DS87C530-ECL	33 MHz
	52-Pin TQFP	-40 to +85	DS87C530-ENL	33 MHz
	52-Pin Windowed	0 to 70	DS87C530-KCL	33 MHz
	52-Pin PLCC	0 to 70	DS87C530-QCL	33 MHz
	52-Pin PLCC	-40 to +85	DS87C530-QNL	33 MHz
DS87C550	80-Pin PQFP	0 to 70	DS877C550-FCL	33 MHz
	80-Pin PQFP	-40 to +85	DS877C550-FNL	33 MHz
	68-Pin Windowed CLCC	0 to 70	DS877C550-KCL	33 MHz
	68-Pin PLCC	0 to 70	DS877C550-QCL	33 MHz
	68-Pin PLCC	-40 to +85	DS877C550-QNL	33 MHz
DS9000			DS9000	
DS9002			DS9002	
DS9003			DS9003	

DS9034PC	PowerCap	-40 to +85		For NV SRAM
DS9034PC	PowerCap	-40 to +85		For NV SRAM
DS9034PCX	PowerCap	-40 to +85	DS9034PCX	For Timekeepers
DS9034PCX	PowerCap	0 to 70		For Timekeepers
DS9091K	Kit		DS9091K	Windows 3.1
DS9092			DS9092	Panel-mount Probe
			DS9092-1	iButton probe contact, parallel wall
			DS9092-2	iButton probe contact, angled mount
			DS9092-3	iButton probe insert, plastic body
			DS9092-4	iButton probe contact, center contact
			DS9092GT	Hand-Grip Probe with Tactile Feedback
			DS9092T	Panel-mount Probe, Tactile Feedback
DS9092K	Kit		DS9092K	Starter Kit, DOS, W31, W95/NT
DS9092L			DS9092L	Panel-mount Probe w/LED
DS9092R	Tabbed F5 MicroCan		DS9092R	No Groove
	Tabbed F5 MicroCan		DS9092RG	With Groove
DS9093A			DS9093A	Angled fob, black
			DS9093AB	Angled fob, blue
			DS9093AG	Angled fob, green
			DS9093AR	Angled fob, red
			DS9093AY	Angled fob, yellow
DS9093F			DS9093F	Flat forked fob, black
DS9093N			DS9093N	Angled fob, through hole, black
DS9093P			DS9093P	iButton mount, 1 Pin, 1 Hole
DS9093R			DS9093RA	Lock Ring
DS9093R			DS9093RB	Flange Enlargement
DS9093S			DS9093S	iButton mount, 2 Holes
DS9094F			DS9094F	iButton clip, through mount, F5
DS9094F			DS9094FS	iButton clip, surface mount, F5
DS9094-SM			DS9094-SM3	iButton metal clip, surface mount, F3
DS9094-SM			DS9094-SM5	iButton metal clip, surface mount, F5
DS9096			DS9096P	Permanent Bond
DS9097	Adapter DB-9	0 to 70	DS9097	Standard, no ID
	Adapter DB-25	0 to 70	DS9097E	EPROM upgraded, no ID
DS9097U	Adapter DB-9	0 to 70	DS9097U-009	Active, Overdrive, with ID
DS9097U	Adapter DB-9	0 to 70	DS9097U-S09	Active, Overdrive, no ID

DS9098			DS9098	Retainer, surface mount, F5
DS9100			DS9100-A DS9100-B DS9100-C	Ground Contact Data Contact Cantilever Data Contact Spring Assembly
DS9101			DS9101	Clip, for F5 MicroCan only
DS9104	Ring	-40 to +70	DS9104-060	Size 6
	Ring	-40 to +70	DS9104-065	Size 6.5
	Ring	-40 to +70	DS9104-070	Size 7
	Ring	-40 to +70	DS9104-075	Size 7.5
	Ring	-40 to +70	DS9104-080	Size 8
	Ring	-40 to +70	DS9104-085	Size 8.5
	Ring	-40 to +70	DS9104-090	Size 9
	Ring	-40 to +70	DS9104-095	Size 9.5
	Ring	-40 to +70	DS9104-100	Size 10
	Ring	-40 to +70	DS9104-105	Size 10.5
	Ring	-40 to +70	DS9104-110	Size 11
	Ring	-40 to +70	DS9104-115	Size 11.5
	Ring	-40 to +70	DS9104-120	Size 12
DS9106			DS9106L-BL DS9106L-GN DS9106L-OG DS9106L-PK DS9106L-WH DS9106L-YL DS9106S-BL DS9106S-GN DS9106S-OG DS9106S-PK DS9106S-WH DS9106S-YL	Blue, 60 mm Green, 60 mm Orange, 60 mm Pink, 60 mm White, 60 mm Yellow, 60 mm Blue, 20 mm Green, 20 mm Orange, 20 mm Pink, 20 mm White, 20 mm Yellow, 20 mm
DS9502	6-Pin TSOC 6-Pin TSOC/T&R	-40 to +85 -40 to +85	DS9502P DS9502P/T&R	
DS9503	6-Pin TSOC 6-Pin TSOC/T&R Chip Scale/T&R	-40 to +85 -40 to +85 -40 to +85	DS9503P DS9503P/T&R DS9503X	
DSJ			DSJ1001 DSJ1002 DSJ2001	Oval leather fob Rectangular leather fob iButton watch

			DSJ2002	iButton keeper
			DSJ2003	iButton watch, ladies
			DSJ3001	Front pocket wallet
			DSJ4001	iButton metal card
DS2105	16-Pin SOIC (150 mil) 16-Pin SOIC (300 mil)	0 to 70 0 to 70	DS2105Z DS2105S	5% 9-Channel SCSI Terminator 5% 9-line SE SCSI Terminator
DS2108	24-Pin SOIC (300 mil)	0 to 70	DS2108S	Differential (HVD) Switchable SCSI Terminator
DS2109	28-Pin SOIC (300 mil)	0 to 70	DS2109S	2% 18-Channel SE Plug and Play SCSI Terminator
DS2110	16-Pin SOIC (300 mil)	0 to 70	DS2110Z	9-Channel SCSI Terminator
DS2114	16-Pin SOIC (300 mil)	0 to 70	DS2114Z	9-Channel SCSI Terminator
DS2117M	36-Pin SSOP 39-bump FLIP CHIP	0 to 70 0 to 70	DS2117MB DS2117MX	5% 9-Channel LVD/SE Ultra2 SCSI Terminator 5% 9-Channel LVD/SE Ultra2 SCSI Terminator
DS2118M	36-Pin SSOP	0 to 70	DS2118MB	5% 9-Channel LVD/SE Ultra2 SCSI Terminator
DS2119M	28-Pin TSSOP	0 to 70	DS2119ME	5% 9-Channel LVD/SE Ultra2 SCSI Terminator
DS21S07A	16-Pin SOIC (300 mil) 20-Pin TSSOP	0 to 70 0 to 70	DS21S07AS DS21S07AE	2% 9-line SE SCSI Terminator 2% 9-line SE SCSI Terminator
DS21T05	16-Pin SOIC (150 mil)	0 to 70	DS21T05Z	5% 9-Channel SCSI Terminator
DS21T06	28-PIN SOIC (300 mil)	0 to 70	DS21T09S	5% 18-Channel SCSI Terminator
DS21T07	16-Pin SOIC (300 mil) 20-Pin TSSOP	0 to 70 0 to 70	DS21T07S DS21T07E	5% 9-Channel SCSI Terminator 5% 9-Channel SCSI Terminator
DS21T09	28-Pin SOIC (300 mil)	0 to 70	DS21T09S	2% 18-Channel Plug and Play SCSI Terminator
DS21T11	28-Pin SOIC (300 mil)	0 to 70	DS21T11	2% 18-line SE Terminator PD Option
DS21T16	20-Pin TSSOP	0 to 70	DS21T16	3.3V 9-Channel SCSI Terminator

Last Revised: 6/06/00