

MAXIM INNOVATION DELIVERED		Digit [®] Reel [®] (Cont.)		REAL-TIME CLOCK	
Digi-Key Part No.	Description	Pkg.	Price Each*	1	25
DS1742W-150+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 150ns* NEW!	24-EDip	30.84	20.56	
DS1743-85+ND	5V, Y2KC Nonvolatile Timekeeping RAM, 85ns* NEW!	28-EDip	32.28	21.53	
DS1743P-100+ND	5V, Y2KC Nonvolatile Timekeeping RAM, 100ns* NEW!	34-PCM▲	28.72	19.15	
DS1743W-120+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120ns*	28-EDip	20.60	16.20	
DS1743W-120IND+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120ns*	28-EDip	23.69	18.62	
DS1743WP-120+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120ns*	34-PCM▲	30.23	20.16	
DS1743WP-120IND+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120ns* NEW!	34-PCM▲	21.06	16.56	
DS1744-70+ND	5V, Y2KC Nonvolatile Timekeeping RAM, 70ns*	28-EDip	22.51	17.69	
DS1744-70IND+ND	5V, Y2KC Nonvolatile Timekeeping RAM, 70ns*	28-EDip	25.89	20.34	
DS1744W-120+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120ns*	28-EDip	22.51	17.69	
DS1744WP-120+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120ns*	34-PCM▲	33.03	22.02	
DS1746-70+ND	5V, Y2KC Nonvolatile Timekeeping RAM, 70ns* NEW!	32-EDip	31.78	24.97	
DS1746W-120+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120ns*	32-EDip	31.78	24.97	
DS1746WP-120+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120ns*	34-PCM▲	28.24	22.20	
DS1747-70IND+ND	5V, Y2KC Nonvolatile Timekeeping RAM, 70ns* NEW!	34-PCM▲	39.89	31.35	
DS1747WP-120+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120ns*	34-PCM▲	34.69	27.26	
DS3231SF#-ND	Extremely Accurate I ² C Integrated RTC/TCXO/Crystal*	16-SOIC	9.43	6.29	
DS3231SN#-ND	Extremely Accurate I ² C Integrated RTC/TCXO/Crystal*	16-SOIC	10.84	7.23	
DS3232SF#-ND	Extremely Accurate I ² C Integrated RTC/TCXO/Crystal*	20-SOIC	4.69	4.20	
DS3232SN#-ND	Extremely Accurate I ² C Integrated RTC/TCXO/Crystal*	20-SOIC	11.14	7.43	
DS3234SF#-ND	Extremely Accurate SPI Bus Real-Time Clock*	20-SOIC	9.70	6.47	
DS3234SN#-ND	Extremely Accurate SPI Bus Real-Time Clock*	20-SOIC	11.14	7.43	
DS4026S-ACN-ND	10MHz TCXO* NEW!	16-SOIC	60.90	47.85	
DS4026S-BCN-ND	12.8MHz TCXO* NEW!	16-SOIC	60.90	47.85	
DS4026S-FCN-ND	16.384MHz TCXO* NEW!	16-SOIC	60.90	47.85	
DS4026S-HCN-ND	19.44MHz TCXO* NEW!	16-SOIC	60.90	47.85	
DS4026S-JCN-ND	20MHz TCXO* NEW!	16-SOIC	62.41	49.04	
DS4026S-MCN-ND	38.88MHz TCXO* NEW!	16-SOIC	62.41	49.04	
DS4026S-PCN-ND	40MHz TCXO* NEW!	16-SOIC	67.21	52.81	
DS4026S-QCN-ND	51.84MHz TCXO* NEW!	16-SOIC	67.21	52.81	
DS4026S3-ACN-ND	10MHz Stratum 3 TCXO* NEW!	16-SOIC	81.61	64.13	
DS4026S3-JCN-ND	20MHz Stratum 3 TCXO* NEW!	16-SOIC	81.61	64.13	
DS4100H+ND	100MHz HCSSL Clock Oscillator* NEW!	10-LCCC	24.41	16.28	
DS4106AN+ND	106.25MHz Clock Oscillator* NEW!	10-LCCC	24.41	16.28	
DS4106BN+ND	106.25MHz Clock Oscillator* NEW!	10-LCCC	14.80	11.63	
DS4125D+ND	125MHz Crystal Oscillator, LVDS Output* NEW!	10-LCCC	24.41	16.28	
DS4125P+ND	125MHz Crystal Oscillator, LVPECL Output* NEW!	10-LCCC	24.41	16.28	
DS4150D+ND	150MHz Crystal Oscillator, LVDS Output* NEW!	10-LCCC	25.15	16.77	
DS4150P+ND	150MHz Crystal Oscillator, LVPECL Output* NEW!	10-LCCC	25.15	16.77	
DS4155D+ND	155.52MHz Crystal Oscillator, LVDS Output* NEW!	10-LCCC	25.15	16.77	
DS4155P+ND	155.52MHz Crystal Oscillator, LVPECL Output* NEW!	10-LCCC	25.15	16.77	
DS4156D+ND	156.25MHz Crystal Oscillator, LVDS Output* NEW!	10-LCCC	25.15	16.77	
DS4156P+ND	156.25MHz Crystal Oscillator, LVPECL Output* NEW!	10-LCCC	25.15	16.77	
DS4160D+ND	160MHz Crystal Oscillator, LVDS Output* NEW!	10-LCCC	25.15	16.77	
DS4160P+ND	160MHz Crystal Oscillator, LVPECL Output* NEW!	10-LCCC	25.15	16.77	
DS4212AN+ND	212.5MHz Clock Oscillator, LVPECL Output* NEW!	10-LCCC	30.16	20.11	
DS4212BN+ND	212.5MHz Clock Oscillator, LVDS Output* NEW!	10-LCCC	30.16	20.11	
DS4250D+ND	250MHz Crystal Oscillator, LVDS Output* NEW!	10-LCCC	30.16	20.11	
DS4266D+ND	266MHz DDR Clock Oscillator, LVDS Output* NEW!	10-LCCC	18.28	14.37	
DS4300D+ND	300MHz Crystal Oscillator, LVDS Output* NEW!	10-LCCC	30.16	20.11	
DS4300P+ND	300MHz Crystal Oscillator, LVPECL Output* NEW!	10-LCCC	30.16	20.11	
DS4311D+ND	311.04MHz Crystal Oscillator, LVDS Output* NEW!	10-LCCC	30.16	20.11	
DS4311P+ND	311.04MHz Crystal Oscillator, LVPECL Output* NEW!	10-LCCC	30.16	20.11	
DS4312D+ND	312.5MHz Crystal Oscillator, LVDS Output* NEW!	10-LCCC	30.16	20.11	
DS4312AN+ND	425MHz Clock Oscillator, LVPECL Output* NEW!	10-LCCC	31.41	20.94	
DS4622D+ND	622.08MHz Crystal Oscillator, LVDS Output* NEW!	10-LCCC	22.85	17.96	
DS4622P+ND	622.08MHz Crystal Oscillator, LVPECL Output* NEW!	10-LCCC	22.85	17.96	
DS4625P+100/150-ND	100MHz/150MHz LVPECL Clock Oscillator* NEW!	10-LCCC	17.42	13.68	
DS4776P+ND	77.76MHz Crystal Oscillator, LVPECL Output* NEW!	10-LCCC	26.93	17.96	
DS1288S+ND	Real-Time Clock with RAM, 128-Byte* NEW!	24-PDIP	9.83	6.56	
DS1288SN+ND	Real-Time Clock with RAM, 128-Byte* NEW!	24-PDIP	5.49	3.66	
DS1288SQ+ND	Real-Time Clock with RAM, 128-Byte*	28-PLCC	10.20	6.81	
DS1288SQN+ND	Real-Time Clock with RAM, 128-Byte*	28-PLCC	11.72	7.82	
DS1288S+ND	Real-Time Clock with RAM, 128-Byte*	24-SOIC	9.83	6.56	
DS1288SN+ND	Real-Time Clock with RAM, 128-Byte* NEW!	24-SOIC	11.35	7.57	
DS1288S1+ND	Real-Time Clock with RAM, 128-Byte* NEW!	32-TQFP	11.58	7.73	
DS12887+ND	Real-Time Clock with RAM, 128-Byte*	24-EDIP	11.38	7.59	
DS12887A+ND	Real-Time Clock with RAM, 128-Byte*	24-EDIP	11.38	7.59	
DS14285Q+ND	Real-Time Clock with NV RAM Control	28-PLCC	9.01	6.81	
DS17285S-5+ND	5V Real-Time Clock* NEW!	24-SOIC	11.45	7.64	
DS17285SN-3+ND	3V Real-Time Clock, Ind. Temperature* NEW!	24-SOIC	12.59	8.40	
DS17285SN-5+ND	5V Real-Time Clock, Ind. Temperature* NEW!	24-SOIC	12.59	8.40	
DS17287-5+ND	5V Real-Time Clock with Battery and Crystal*	24-EDIP	18.78	12.53	
DS17485E-3+ND	3V Real-Time Clock* NEW!	28-TSSOP	16.87	11.25	
DS17485S-3+ND	3V RTC with 4K-Bytes of Battery-Backed NV RAM*	24-SOIC	15.79	10.53	
DS17487-5+ND	5V Real-Time Clock*	24-EDIP	22.42	14.95	
DS17885S-3+ND	3V Real-Time Clock* NEW!	24-SOIC	22.42	14.95	
DS17887-3+ND	3V Real-Time Clock* NEW!	24-EDIP	28.38	18.92	
DS17887-5+ND	5V Real-Time Clock*	24-EDIP	28.38	18.92	

MAXIM INNOVATION DELIVERED		THERMAL MANAGEMENT	
		RoHS Compliant	
Digi-Key Part No.	Description	Pkg.	Price Each*
DS1731U+ND	High-Precision Digital Thermometer/Thermostat	8-MSOP	4.92 3.28
DS18820+ND	Programmable Resolution 1-Wire® Digital Thermometer	TO-92	6.40 4.27
DS18820+PAR-ND	Prog. Resolution 1-Wire® Digital Thermometer	TO-92	6.40 4.27
DS18820U+ND	Programmable Resolution 1-Wire® Digital Thermometer	8-µSOP	6.40 4.27
DS18820Z+ND	Programmable Resolution 1-Wire® Digital Thermometer	8-SOIC	6.40 4.27
DS18520+ND	High Precision 1-Wire® Digital Thermometer	TO-92	6.40 4.27
DS18520+CT-ND	High Precision 1-Wire® Digital Thermometer	TO-92	5.66 4.27
DS18520+TR-ND	High Precision 1-Wire® Digital Thermometer	TO-92	5330.26/2,000
DS18520Z+ND	High Precision 1-Wire® Digital Thermometer	8-SOIC	6.40 4.27
DS28400U+ND	1-Wire Digital Thermometer with Sequence Detect NEW!	8-µSOP	7.88 5.26
DS75LV5+ND	1.7V to 3.7V Digital Thermometer/Thermostat	8-SOIC	2.56 1.71
DS75LVU+ND	1.7V to 3.7V Digital Thermometer/Thermostat	8-MSOP	2.56 1.71
DS75LX5+ND	1.7V to 3.7V Digital Thermometer/Thermostat	8-SOIC	2.36 1.58
DS75LXU+ND	1.7V to 3.7V Digital Thermometer/Thermostat	8-µIMAX	2.36 1.58
DS75S+ND	Digital Thermometer/Thermostat, LM75-Compatible	8-SOIC	2.56 1.71
DS75U+ND	Digital Thermometer/Thermostat, LM75-Compatible	8-MSOP	2.56 1.71
DS6000U+ND	±5°C Accurate Analog-Output Temperature Sensor	8-µSOP	6.40 4.27
DS6200U+ND	Low Volt. ±0.5°C Digital Thermometer/Thermostat	8-MSOP	6.40 4.27
DS1620+ND	Digital Thermometer/Thermostat, 300mil.	8-Dip	8.85 5.91
DS1620S+ND	Digital Thermometer/Thermostat, 208mil.	8-SOIC	8.85 5.91
DS1621+ND	Digital Thermometer/Thermostat, 300mil.	8-Dip	5.86 3.91

* RoHS Compliant

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(Continued)

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MAXIM INNOVATION DELIVERED		THERMAL MANAGEMENT	
		RoHS Compliant	
Digi-Key Part No.	Description	Pkg.	Price Each*
DS1821S+ND	Digital Thermometer/Thermostat, 150mil.	8-SOIC	5.86 3.91
DS1824+ND	Digital Thermometer and Memory, 300mil.	8-Dip	11.48 7.66
DS1824S+ND	Digital Thermometer and Memory, 208mil.	8-SOIC	11.48 7.66
DS1826U+ND	High Prec. 3-Wire Digital Thermometer/Thermostat	8-µSOP	5.08 3.39
DS1829S+ND	2-Wire Digital Thermometer and Real-Time Clock, 150mil.	8-SOIC	9.36 6.58
DS1831AU+ND	High Precision Digital Thermometer/Thermostat	8-µSOP	5.08 3.39
DS1831S+ND	High Precision Digital Thermometer/Thermostat NEW!	8-SOIC	5.08 3.39
DS1831U+ND	High Precision Digital Thermometer/Thermostat	8-MSOP	5.08 3.39
DS1831Z+ND	High Precision Digital Thermometer/Thermostat	8-SOIC	5.08 3.39
DS1721S+CT-ND	2-Wire Digital Thermometer/Thermostat	8-SOIC	4.34 3.28
DS1721S+TR-ND	2-Wire Digital Thermometer/Thermostat	8-SOIC	5119.86/2,500
DS1721U+ND	2-Wire Digital Thermometer/Thermostat	8-MSOP	4.92 3.28
DS1722S+ND	3-Wire Digital Thermometer/Thermostat	8-SOIC	3.30 2.20
DS1722S+CT-ND	3-Wire Digital Thermometer/Thermostat	8-SOIC	2.92 2.20
DS1722S+TR-ND	3-Wire Digital Thermometer/Thermostat	8-SOIC	3436.62/2,500
DS1722U+ND	3-Wire Digital Thermometer/Thermostat	8-MSOP	3.37 2.25
DS1821+ND	Programmable Digital Thermostat/Thermometer	3-PR35	8.01 5.35
DS1821S+ND	Programmable Digital Thermostat/Thermometer	8-SOIC	8.01 5.35
DS1822+ND	Econo 1-Wire® Digital Thermometer	TO-92	4.92 3.28
DS1822Z+ND	Econo 1-Wire® Digital Thermometer	8-SOIC	4.92 3.28
DS1825U+ND	Prog. Resolution 1-Wire® Digital Thermometer	8-µSOP	5.35 3.57
DS1856U+ND	Dual, Temp. Controlled Nonvolatile Resistor	16-DSBGA	7.88 5.26
DS1859E-050+ND	Dual, Temp. Controlled Nonvolatile Resistor	16-TSSOP	7.47 4.99

MAXIM INNOVATION DELIVERED		TIMEKEEPING	
		RoHS Compliant	
Digi-Key Part No.	Description	Pkg.	Price Each*
DS32KHZS#-ND	32.768kHz Temp. Compensated Crystal Oscillator	16-SOIC	9.43 6.29
DS32KHZSN#-ND	32.768kHz Temp. Compensated Crystal Oscillator	16-SOIC	10.84 7.23
DS1004Z-2+ND	5-Tap High Speed Silicon Delay Line, 2ns Tap-to-Tap	8-SOIC	19.36 12.91
DS1004Z-3+ND	5-Tap High Speed Silicon Delay Line, 3ns Tap-to-Tap	8-SOIC	22.15 14.77
DS1004Z-4+ND	5-Tap High Speed Silicon Delay Line, 4ns Tap-to-Tap	8-SOIC	22.15 14.77
DS1021S-25+ND	Programmable 8-Bit Silicon Delay Line, 25ns	16-SOIC	25.59 17.06
DS1021S-50+ND	Programmable 8-Bit Silicon Delay Line, 50ns	16-SOIC	25.59 17.06
DS1023S-25+ND	8-Bit Programmable Timing Element, 25ns	16-SOIC	21.38 14.26
DS1023S-50+ND	8-Bit Programmable Timing Element, 50ns	16-SOIC	21.38 14.26
DS1023S-500+ND	8-Bit Programmable Timing Element, 50ns	16-SOIC	23.57 15.72
DS1050Z-010+ND	5-Bit Programmable Pulse-Width Modulator NEW!	8-SOIC	3.33 2.23
DS1077LZ-40+ND	3V EconOscillator/Divider NEW!	8-SOIC	3.70 2.47
DS1080LJ+ND	Spread-Spectrum Crystal Multiplier	8-µSOP	3.30 2.20
DS1085LZ-25+ND	3.3V EconOscillator/Frequency Synthesizer	8-SOIC	4.66 4.04
DS1086LU+ND	3.3V Spread-Spectrum EconOscillator	8-µSOP	2.66 1.78
DS1086LU-533+ND	3.3V Spread-Spectrum EconOscillator NEW!	8-µSOP	2.66 1.78
DS1086U-266+ND	5V Spread-Spectrum EconOscillator NEW!	8-µSOP	1.77 1.36
DS1086Z+ND	3.3V Spread-Spectrum EconOscillator	8-SOIC	2.66 1.78
DS1087LU-26A+ND	3.3V Spread-Spectrum EconOscillator NEW!	8-µSOP	2.52 1.69
DS1087LU-450+ND	3.3V Spread-Spectrum EconOscillator NEW!	8-µSOP	2.52 1.69
DS1089LU-450+ND	3.3V Spread-Spectrum EconOscillator NEW!	8-µSOP	1.68 1.41
DS1091LU-66+ND	Auto Temp. Range Spread-Spectrum EconOscillator	8-µMAX	2.12 1.42
DS1099U-BC+ND	Low Frequency Dual EconOscillator NEW!	8-µSOP	1.35 0.90
DS1099U-CC+ND	Low Frequency Dual EconOscillator NEW!	8-µSOP	1.35 0.90
DS1100LU-20+ND	5-Tap Delay Line, 20ns	8-µSOP	9.36 6.24
DS1100LU-25+ND	5-Tap Delay Line, 25ns NEW!	8-µSOP	9.36 6.24
DS1100LU-30+ND	5-Tap Delay Line, 30ns NEW!	8-µSOP	9.36 6.24
DS1100LZ-20+ND	5-Tap Delay Line, 20ns	8-SOIC	8.85 5.91
DS1100LZ-25+ND	5-Tap Delay Line, 25ns	8-SOIC	8.85 5.91
DS1100LZ-50+ND	5-Tap Delay Line, 50ns NEW!	8-SOIC	8.85 5.91
DS1100LZ-100+ND	5-Tap Delay Line, 100ns	8-SOIC	8.85 5.91
DS1100LZ-300+ND	5-Tap Delay Line, 300ns NEW!	8-SOIC	8.85 5.91
DS1100U-30+ND	5-Tap Delay Line, 30ns NEW!	8-µSOP	8.48 5.66
DS1100U-300+ND	5-Tap Delay Line, 300ns NEW!	8-µSOP	8.48 5.66
DS1100Z-20+ND	5-Tap Delay Line, 20ns	8-SOIC	8.05 5.37
DS1100Z-25+ND	5-Tap Delay Line, 25ns	8-SOIC	8.05 5.37
DS1100Z-35+ND	5-Tap Delay Line, 35ns NEW!	8-SOIC	8.05 5.37
DS1100Z-50+ND	5-Tap Delay Line, 50ns	8-SOIC	8.05 5.37
DS1100Z-60+ND	5-Tap Delay Line, 60ns NEW!	8-SOIC	8.05 5.37
DS1100Z-100+ND	5-Tap Delay Line, 100ns	8-SOIC	8.05 5.37
DS1100Z-125+ND	5-Tap Delay Line, 125ns NEW!	8-SOIC	8.05 5.37
DS1100Z-200+ND	5-Tap Delay Line, 200ns	8-SOIC	8.05 5.37
DS1100Z-250+ND	5-Tap Delay Line, 250ns	8-SOIC	8.05 5.37
DS1100Z-500+ND	5-Tap Delay Line, 500ns NEW!	8-SOIC	8.05 5.37