

MAXIM INNOVATION DELIVERED™		DIGI+Reel® (Cont.)		REAL-TIME CLOCK	
Digi-Key Part No.	Description	Pkg.	Price Each*	1	25
DS1744-70IND+ND	5V, Y2KC Nonvolatile Timekeeping RAM, 70nS*	28-EDip	20.66	16.23	
DS1744W-120+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120nS*	28-EDip	19.68	15.47	
DS1744WP-120+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120nS*	34-PCM▲	30.85	20.57	
DS1746-70+ND	5V, Y2KC Nonvolatile Timekeeping RAM, 70nS*	32-EDip	23.40	18.39	
DS1746W-120+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120nS*	32-EDip	23.40	18.39	
DS1746WP-120+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120nS*	34-PCM▲	20.79	16.35	
DS1747-70IND+ND	5V, Y2KC Nonvolatile Timekeeping RAM, 70nS*	34-PCM▲	31.98	25.13	
DS1747WP-120+ND	3.3V, Y2KC Nonvolatile Timekeeping RAM, 120nS*	34-PCM▲	29.52	23.20	
DS3231S#-ND	Extremely Accurate I ² C Integrated RTC/TCXO/Crystal*	16-SOIC	7.29	4.86	
DS3231SN#-ND	Extremely Accurate I ² C Integrated RTC/TCXO/Crystal*	16-SOIC	8.38	5.59	
DS3232S#-ND	Extremely Accurate I ² C Integrated RTC/TCXO/Crystal*	20-SOIC	3.63	3.25	
DS3232SN#-ND	Extremely Accurate I ² C Integrated RTC/TCXO/Crystal*	20-SOIC	8.62	5.75	
DS3234S#-ND	Extremely Accurate SPI Bus Real-Time Clock*	20-SOIC	7.49	5.00	
DS3234SN#-ND	Extremely Accurate SPI Bus Real-Time Clock*	20-SOIC	8.62	5.75	
DS4026S+ACN-ND	10MHz TCXO*	16-SOIC	43.46	34.15	
DS4026S+BCN-ND	12.8MHz TCXO*	16-SOIC	44.83	35.23	
DS4026S+FCN-ND	16.384MHz TCXO*	16-SOIC	44.83	35.23	
DS4026S+HCN-ND	19.44MHz TCXO*	16-SOIC	44.83	35.23	
DS4026S+JCN-ND	20MHz TCXO*	16-SOIC	45.95	36.11	
DS4026S+MCN-ND	38.88MHz TCXO*	16-SOIC	45.95	36.11	
DS4026S+PCN-ND	40MHz TCXO*	16-SOIC	47.96	37.89	
DS4026S+OCN-ND	51.84MHz TCXO*	16-SOIC	49.48	38.88	
DS4026S3+ACN-ND	10MHz Stratum 3 TCXO*	16-SOIC	60.08	47.21	
DS4026S3+JCN-ND	20MHz Stratum 3 TCXO*	16-SOIC	58.25	45.76	
DS4100H+ND	100MHz HCSL Clock Oscillator*	10-LCCC	18.87	12.59	
DS4106AN+ND	106.25MHz Clock Oscillator*	10-LCCC	18.87	12.59	
DS4106BN+ND	106.25MHz Clock Oscillator*	10-LCCC	11.44	8.99	
DS4125D+ND	125MHz Crystal Oscillator, LVDS Output*	10-LCCC	18.87	12.59	
DS4125P+ND	125MHz Crystal Oscillator, LVPECL Output*	10-LCCC	18.87	12.59	
DS4150D+ND	150MHz Crystal Oscillator, LVDS Output*	10-LCCC	19.44	12.97	
DS4150P+ND	150MHz Crystal Oscillator, LVPECL Output*	10-LCCC	19.44	12.97	
DS4155D+ND	155.52MHz Crystal Oscillator, LVDS Output*	10-LCCC	19.44	12.97	
DS4155P+ND	155.52MHz Crystal Oscillator, LVPECL Output*	10-LCCC	19.44	12.97	
DS4158D+ND	156.25MHz Crystal Oscillator, LVDS Output*	10-LCCC	19.44	12.97	
DS4158P+ND	156.25MHz Crystal Oscillator, LVPECL Output*	10-LCCC	19.44	12.97	
DS4160D+ND	160MHz Crystal Oscillator, LVPECL Output*	10-LCCC	19.44	12.97	
DS4160P+ND	160MHz Crystal Oscillator, LVPECL Output*	10-LCCC	19.44	12.97	
DS4212AN+ND	212.5MHz Clock Oscillator, LVPECL Output*	10-LCCC	23.31	15.55	
DS4212BN+ND	212.5MHz Clock Oscillator, LVDS Output*	10-LCCC	23.31	15.55	
DS4250D+ND	250MHz Crystal Oscillator, LVDS Output*	10-LCCC	23.31	15.55	
DS4250P+ND	250MHz Crystal Oscillator, LVDS Output*	10-LCCC	23.31	15.55	
DS4266D+ND	266MHz DDR Clock Oscillator, LVDS Output*	10-LCCC	14.13	11.11	
DS4300D+ND	300MHz Crystal Oscillator, LVDS Output*	10-LCCC	23.31	15.55	
DS4300P+ND	300MHz Crystal Oscillator, LVPECL Output*	10-LCCC	23.31	15.55	
DS4311D+ND	311.04MHz Crystal Oscillator, LVDS Output*	10-LCCC	23.31	15.55	
DS4311P+ND	311.04MHz Crystal Oscillator, LVPECL Output*	10-LCCC	23.31	15.55	
DS4312D+ND	312.5MHz Crystal Oscillator, LVDS Output*	10-LCCC	23.31	15.55	
DS4425AN+ND	425MHz Clock Oscillator, LVPECL Output*	10-LCCC	24.28	16.19	
DS4622D+ND	622.08MHz Crystal Oscillator, LVDS Output*	10-LCCC	17.66	13.88	
DS4622P+ND	622.08MHz Crystal Oscillator, LVPECL Output*	10-LCCC	17.66	13.88	
DS4625P+100/150-ND	100MHz/150MHz LVPECL Clock Oscillator*	10-LCCC	13.47	10.58	
DS4778P+ND	77.76MHz Crystal Oscillator, LVPECL Output*	10-LCCC	20.82	13.88	
DS1288S+ND	Real-Time Clock with RAM, 128-Byte*	24-PDIP	7.24	4.83	
DS1288SN+ND	Real-Time Clock with RAM, 128-Byte*	24-PDIP	6.46	4.31	
DS1288SQ+ND	Real-Time Clock with RAM, 128-Byte*	28-PLCC	7.51	5.01	
DS1288SQ+ND	Real-Time Clock with RAM, 128-Byte*	28-PLCC	8.62	5.75	
DS1288SS+ND	Real-Time Clock with RAM, 128-Byte*	24-SOIC	7.24	4.83	
DS1288SSN+ND	Real-Time Clock with RAM, 128-Byte*	24-SOIC	8.35	5.57	
DS1288ST+ND	Real-Time Clock with RAM, 128-Byte*	32-TQFP	8.53	5.69	
DS1288T+ND	Real-Time Clock with RAM, 128-Byte*	24-EDIP	9.19	6.13	
DS1288TA+ND	Real-Time Clock with RAM, 128-Byte*	24-EDIP	9.19	6.13	
DS14285Q+ND	Real-Time Clock with NV RAM Control	28-PLCC	6.63	5.01	
DS17285S+ND	5V Real-Time Clock*	24-SOIC	8.85	5.90	
DS17285SN+ND	3V Real-Time Clock, Ind. Temperature*	24-SOIC	9.73	6.49	
DS17285SN+ND	5V Real-Time Clock, Ind. Temperature*	24-SOIC	9.73	6.49	
DS17287+ND	5V Real-Time Clock with Battery and Crystal*	24-EDIP	16.82	11.21	
DS17485E+ND	3V Real-Time Clock*	28-TSOP	13.04	8.70	
DS17485S+ND	3V RTC with 4K-Bytes of Battery-Backed NV RAM*	24-SOIC	11.27	7.52	
DS17487+ND	5V Real-Time Clock*	24-EDIP	17.33	11.56	
DS17885S+ND	3V Real-Time Clock*	24-SOIC	17.33	11.56	
DS17887+ND	3V Real-Time Clock*	24-EDIP	21.93	14.63	
DS17887+ND	5V Real-Time Clock*	24-EDIP	21.93	14.63	

▲ DS9034PCX PowerCap required; order DS9034PCX+ND

MAXIM INNOVATION DELIVERED™		THERMAL MANAGEMENT	
Digi-Key Part No.	Description	Pkg.	Price Each*
DS1731U+ND	High-Precision Digital Thermometer/Thermostat	8-MSOP	3.80, 2.54
DS18820+ND	Programmable Resolution 1-Wire® Digital Thermometer	TO-92	4.95, 3.30
DS18820+PAR-ND	Prog. Resolution 1-Wire® Digital Thermometer	TO-92	4.95, 3.30
DS18820U+ND	Programmable Resolution 1-Wire® Digital Thermometer	8-ΨSOP	4.95, 3.30
DS18820Z+ND	Programmable Resolution 1-Wire® Digital Thermometer	8-SOIC	4.95, 3.30
DS18820+ND	High Precision 1-Wire® Digital Thermometer	TO-92	4.71, 3.14
DS18820+CT-ND	High Precision 1-Wire® Digital Thermometer	TO-92	4.25, 3.21
DS18820+TR-ND	High Precision 1-Wire® Digital Thermometer	TO-92	4002.45/2,000
DS18820Z+ND	High Precision 1-Wire® Digital Thermometer	8-SOIC	4.71, 3.14
DS28A00U+ND	1-Wire Digital Thermometer with Sequence Detect	8-ΨSOP	5.01, 3.34
DS75LV5+ND	1.7V to 3.7V Digital Thermometer/Thermostat	8-SOIC	1.88, 1.26
DS75LVU+ND	1.7V to 3.7V Digital Thermometer/Thermostat	8-MSOP	1.88, 1.26
DS75LX5+ND	1.7V to 3.7V Digital Thermometer/Thermostat	8-SOIC	1.73, 1.16
DS75LXU+ND	1.7V to 3.7V Digital Thermometer/Thermostat	8-ΨMAX	1.73, 1.16
DS75S+ND	Digital Thermometer/Thermostat, LM75-Compatible	8-SOIC	1.88, 1.26
DS75U+ND	Digital Thermometer/Thermostat, LM75-Compatible	8-MSOP	1.88, 1.26
DS600U+ND	±5°C Accurate Analog-Output Temperature Sensor	8-ΨSOP	4.71, 3.14
DS620U+ND	Low Volt. ±0.5°C Digital Thermometer/Thermostat	8-MSOP	4.95, 3.30
DS1620+ND	Digital Thermometer/Thermostat, 300mil.	8-Dip	6.84, 4.56
DS1620S+ND	Digital Thermometer/Thermostat, 208mil.	8-SOIC	6.84, 4.56
DS1621+ND	Digital Thermometer/Thermostat, 300mil.	8-Dip	4.53, 3.02
DS1621S+ND	Digital Thermometer/Thermostat, 150mil.	8-SOIC	4.53, 3.02
DS1624+ND	Digital Thermometer and Memory, 300mil.	8-Dip	8.45, 5.64
DS1624S+ND	Digital Thermometer and Memory, 208mil.	8-SOIC	8.45, 5.64
DS1626U+ND	High Prec. 3-Wire Digital Thermometer/Thermostat	8-ΨSOP	3.93, 2.62
DS1629S+ND	2-Wire Digital Thermometer and Real-Time Clock, 150mil.	8-SOIC	7.62, 5.09
DS1631AU+ND	High Precision Digital Thermometer/Thermostat	8-ΨSOP	3.93, 2.62
DS1631S+ND	High Precision Digital Thermometer/Thermostat	8-SOIC	3.93, 2.62
DS1631U+ND	High Precision Digital Thermometer/Thermostat	8-MSOP	3.93, 2.62

* RoHS Compliant

★ CALL FOR LOWER PRICING ON LARGER QUANTITIES! ★

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MAXIM INNOVATION DELIVERED™		THERMAL MANAGEMENT	
Digi-Key Part No.	Description	Pkg.	Price Each*
DS1631Z+ND	High Precision Digital Thermometer/Thermostat	8-SOIC	3.93, 2.62
DS1721S+CT-ND	2-Wire Digital Thermometer/Thermostat	8-SOIC	3.42, 2.58
DS1721S+TR-ND	2-Wire Digital Thermometer/Thermostat	8-SOIC	4026.79/2,500
DS1721U+ND	2-Wire Digital Thermometer/Thermostat	8-MSOP	3.80, 2.54
DS1722S+ND	3-Wire Digital Thermometer/Thermostat	8-SOIC	2.55, 1.71
DS1722S+CT-ND	3-Wire Digital Thermometer/Thermostat	8-SOIC	2.90, 1.74
DS1722S+TR-ND	3-Wire Digital Thermometer/Thermostat	8-SOIC	2712.19/2,500
DS1722U+ND	3-Wire Digital Thermometer/Thermostat	8-MSOP	2.60, 1.74
DS1821+ND	Programmable Digital Thermostat/Thermometer	3-PR3S	6.20, 4.14
DS1821S+ND	Programmable Digital Thermostat/Thermometer	8-SOIC	6.20, 4.14
DS1822+ND	Econo 1-Wire® Digital Thermometer	TO-92	3.80, 2.54
DS1822Z+ND	Econo 1-Wire® Digital Thermometer	8-SOIC	3.80, 2.54
DS1825U+ND	Prog. Resolution 1-Wire® Digital Thermometer	8-ΨSOP	4.14, 2.76
DS1856B+050+ND	Dual, Temp. Controlled Nonvolatile Resistor	16-SCSBA	6.09, 4.06
DS1859E+050+ND	Dual, Temp. Controlled Nonvolatile Resistor	16-TSSOP	5.77, 3.85

MAXIM INNOVATION DELIVERED™		TIMEKEEPING	
Digi-Key Part No.	Description	Pkg.	Price Each*
DS32KHZS#-ND	32.768kHz Temp. Compensated Crystal Oscillator	16-SOIC	7.29, 4.86
DS32KHZSN#-ND	32.768kHz Temp. Compensated Crystal Oscillator	16-SOIC	8.38, 5.59
DS1004Z-2+ND	5-Tap High Speed Silicon Delay Line, 2nS Tap-to-Tap	8-SOIC	14.96, 9.98
DS1004Z-3+ND	5-Tap High Speed Silicon Delay Line, 3nS Tap-to-Tap	8-SOIC	17.13, 11.42
DS1004Z-4+ND	5-Tap High Speed Silicon Delay Line, 4nS Tap-to-Tap	8-SOIC	17.13, 11.42
DS1021S-25+ND	Programmable 8-Bit Silicon Delay Line, 25nS	16-SOIC	18.84, 12.56
DS1021S-50+ND	Programmable 8-Bit Silicon Delay Line, 50nS	16-SOIC	18.84, 12.56
DS1023S-25+ND	8-Bit Programmable Timing Element, 25nS	16-SOIC	16.52, 11.02
DS1023S-50+ND	8-Bit Programmable Timing Element, 5nS	16-SOIC	16.52, 11.02
DS1023S-500+ND	8-Bit Programmable Timing Element, 5nS	16-SOIC	18.22, 12.15
DS1050Z-010+ND	5-Bit Programmable Pulse-Width Modulator	8-SOIC	2.58, 1.72
DS1077LZ-40+ND	3V EconOscillator/Divider	8-SOIC	2.87, 1.91
DS1080LU+ND	Spread-Spectrum Crystal Multiplier	8-ΨSOP	2.55, 1.71
DS1085LZ-25+ND	3.3V EconOscillator Frequency Synthesizer	8-SOIC	3.60, 3.13
DS1086LU+ND	3.3V Spread-Spectrum EconOscillator	8-ΨSOP	2.06, 1.38
DS1086LU-533+ND	3.3V Spread-Spectrum EconOscillator	8-ΨSOP	2.06, 1.38
DS1086U-266+ND	5V Spread-Spectrum EconOscillator	8-ΨSOP	1.37, 1.05
DS1086Z+ND	3.3V Spread-Spectrum EconOscillator	8-SOIC	2.06, 1.38
DS1087LU-266+ND	3.3V Spread-Spectrum EconOscillator	8-ΨSOP	1.95, 1.31
DS1087LU-460+ND	3.3V Spread-Spectrum EconOscillator	8-ΨSOP	1.95, 1.31
DS1089LU-460+ND	3.3V Spread-Spectrum EconOscillator	8-ΨSOP	1.31, 1.09
DS1091LU-66+ND	Auto Temp. Range Spread-Spectrum EconOscillator	8-ΨSOP	1.64, 1.10
DS1099U-CC+ND	Low Frequency Dual EconOscillator	8-ΨSOP	1.04, .70
DS1099U-CU+ND	Low Frequency Dual EconOscillator	8-ΨSOP	1.04, .70
DS1100LU-20+ND	5-Tap Delay Line, 20nS	8-ΨSOP	7.24, 4.83
DS1100LU-25+ND	5-Tap Delay Line, 25nS	8-ΨSOP	7.24, 4.83
DS1100LU-30+ND	5-Tap Delay Line, 30nS	8-ΨSOP	7.24, 4.83
DS1100LU-20+ND	5-Tap Delay Line, 20nS	8-SOIC	6.84, 4.56
DS1100LU-25+ND	5-Tap Delay Line, 25nS	8-SOIC	6.84, 4.56
DS1100LU-30+ND	5-Tap Delay Line, 30nS	8-SOIC	6.84, 4.56
DS1100LZ-100+ND	5-Tap Delay Line, 100nS	8-SOIC	6.84, 4.56
DS1100LZ-300+ND	5-Tap Delay Line, 300nS	8-SOIC	6.84, 4.56
DS1100U-30+ND	5-Tap Delay Line, 30nS	8-ΨSOP	6.56, 4.37
DS1100U-300+ND	5-Tap Delay Line, 300nS	8-ΨSOP	6.56, 4.37
DS1100Z-20+ND	5-Tap Delay Line, 20nS	8-SOIC	5.92, 3.95
DS1100Z-25+ND	5-Tap Delay Line, 25nS	8-SOIC	5.92, 3.95
DS1100Z-30+ND	5-Tap Delay Line, 30nS	8-SOIC	5.92, 3.95
DS1100Z-35+ND	5-Tap Delay Line, 35nS	8-SOIC	5.92, 3.95
DS1100Z-50+ND	5-Tap Delay Line, 50nS	8-SOIC	5.92, 3.95
DS1100Z-60+ND	5-Tap Delay Line, 60nS	8-SOIC	5.92, 3.95
DS1100Z-100+ND	5-Tap Delay Line, 100nS	8-SOIC	5.92, 3.95
DS1100Z-125+ND	5-Tap Delay Line, 125nS	8-SOIC	5.92, 3.95
DS1100Z-200+ND	5-Tap Delay Line, 200nS	8-SOIC	5.92, 3.95
DS1100Z-250+ND	5-Tap Delay Line, 250nS	8-SOIC	5.92, 3.95
DS1100Z-500+ND	5-Tap Delay Line, 500nS	8-SOIC	5.92, 3.95
DS1110E-75+ND	10-Tap Silicon Delay Line		