

**Numerical Index**

This section provides a numerical list of all Holtek Product Part Numbers. The part numbers are listed in ascending chronological order with their respective product description. Each of the part numbers link to their corresponding data sheet.

<b>Numerical Index</b>	
<b>Part No.</b>	<b>Product Description</b>
HT1015	1.5V Voltage Regulator
HT12A	2 <sup>12</sup> Series of Encoders
HT12D	2 <sup>12</sup> Series of Decoders
HT12E	2 <sup>12</sup> Series of Encoders
HT12F	2 <sup>12</sup> Series of Decoders
HT12M	2 <sup>12</sup> Decoder Doorbell
HT1380	Serial Timekeeper Chip (8DIP)
HT1381	Serial Timekeeper Chip (8SOP)
HT1602L	40 Dot Matrix LCD Segment Driver
HT1608L	2×20 Channel LCD Driver
HT1609L	2×40 Channel LCD Driver
HT1611C	Timer with Dialer Interface
HT1613C	Timer with Dialer Interface
HT1616C	Timer with Dialer Interface
HT1620	RAM Mapping 32×4 LCD Controller for I/O MCU
HT1621	RAM Mapping 32×4 LCD Controller for I/O MCU
HT1622	RAM Mapping 32×8 LCD Controller for I/O MCU
HT16220	RAM Mapping 32×8 LCD Controller for I/O MCU
HT1623	RAM Mapping 48×8 LCD Controller for I/O MCU
HT1625	RAM Mapping 64×8 LCD Controller for I/O MCU
HT1626	RAM Mapping 48×16 LCD Controller for I/O MCU
HT1647	4-Level Gray Scale 64×16 LCD Controller for I/O MCU
HT1650*	64×32 LCD Controller for I/O MCU
HT16511	1/8 to 1/16 Duty VFD Controller
HT16512	1/4 to 1/11 Duty VFD Controller
HT1660*	96×32 LCD Controller for I/O MCU
HT1670*	128×32 LCD Controller for I/O MCU
HT23C010	CMOS 128K×8-Bit Mask ROM
HT23C020	CMOS 256K×8-Bit Mask ROM
HT23C040	CMOS 512K×8-Bit Mask ROM
HT23C040H	CMOS 512K×8-Bit High Speed Mask ROM
HT23C128	CMOS 16K×8-Bit Mask ROM
HT23C256	CMOS 32K×8-Bit Mask ROM
HT23C4096H	CMOS 256K×16-Bit High Speed Mask ROM (data sheet to be provided)
HT23C512	CMOS 64K×8-Bit Mask ROM
HT24LC02	CMOS 2K 2-Wire Serial EEPROM
HT24LC04	CMOS 4K 2-Wire Serial EEPROM
HT24LC08	CMOS 8K 2-Wire Serial EEPROM
HT24LC16	CMOS 16K 2-Wire Serial EEPROM
HT27C010	CMOS 128K×8-Bit OTP EPROM (5V)
HT27C020	CMOS 256K×8-Bit OTP EPROM (5V)
HT27C040	CMOS 512K×8-Bit OTP EPROM (5V)
HT27C4096	CMOS 256K×16-Bit OTP EPROM (5V)
HT27C512	CMOS 64K×8-Bit OTP EPROM (5V)
HT27LC010	CMOS 128K×8-Bit OTP EPROM (3.3V)

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Part No.	Product Description
HT27LC020	CMOS 256K×8-Bit OTP EPROM (3.3V)
HT27LC040	CMOS 512K×8-Bit OTP EPROM (3.3V)
HT27LC4096	CMOS 256K×16-Bit OTP EPROM (3.3V)
HT27LC512	CMOS 64K×8-Bit OTP EPROM (3.3V)
HT36A0	8-Bit Music Synthesizer MCU
HT36A2	8-Bit Music Synthesizer MCU (data sheet to be provided)
HT36A4	8-Bit Music Synthesizer MCU (data sheet to be provided)
HT36B0*	8-Bit Music Synthesizer MCU
HT36B2*	8-Bit Music Synthesizer MCU
HT46C22	8-Bit A/D Type Mask MCU
HT46C23	8-Bit A/D Type Mask MCU
HT46C24*	8-Bit A/D Type Mask MCU
HT46C47	8-Bit A/D Type Mask MCU
HT46C63	8-Bit A/D with LCD Type Mask MCU
HT46C72*	8-Bit A/D with LCD Type Mask MCU
HT46C73*	8-Bit A/D with LCD Type Mask MCU
HT46C74*	8-Bit A/D with LCD Type Mask MCU
HT46R22	8-Bit A/D Type OTP MCU
HT46R23	8-Bit A/D Type OTP MCU
HT46R24*	8-Bit A/D Type OTP MCU
HT46R47	8-Bit A/D Type OTP MCU
HT46R63	8-Bit A/D with LCD Type OTP MCU
HT46R72*	8-Bit A/D with LCD Type OTP MCU
HT46R73*	8-Bit A/D with LCD Type OTP MCU
HT46R74*	8-Bit A/D with LCD Type OTP MCU
HT47C10L	8-Bit R-F Type Low Voltage Mask MCU
HT47C20	8-Bit R-F Type Mask MCU
HT47C20L	8-Bit R-F Type Low Voltage Mask MCU
HT47R20	8-Bit R-F Type OTP MCU
HT48C05	8-Bit Cost-Effective I/O Type Mask MCU
HT48C06	8-Bit Cost-Effective I/O Type Mask MCU
HT48C10-1	8-Bit I/O Type Mask MCU
HT48C30-1	8-Bit I/O Type Mask MCU
HT48C50-1	8-Bit I/O Type Mask MCU
HT48C70-1	8-Bit I/O Type Mask MCU
HT48CA0	8-Bit Remote Type Mask MCU
HT48CA3	8-Bit Remote Type Mask MCU
HT48CA6	8-Bit Remote Type Low Voltage Mask MCU
HT48CB8	8-Bit USB Type OTP MCU (data sheet to be provided)
HT48R05A-1	8-Bit Cost-Effective I/O Type OTP MCU
HT48R06A-1	8-Bit Cost-Effective I/O Type OTP MCU
HT48R10A-1	8-Bit I/O Type OTP MCU
HT48R30A-1	8-Bit I/O Type OTP MCU
HT48R50A-1	8-Bit I/O Type OTP MCU
HT48R70A-1	8-Bit I/O Type OTP MCU
HT48RA0A	8-Bit Remote Type OTP MCU
HT48RA3	8-Bit Remote Type OTP MCU
HT48RB8	8-Bit USB Type OTP MCU
HT49C30-1	8-Bit LCD Type Mask MCU

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<b>Part No.</b>	<b>Product Description</b>
HT49C30L	8-Bit LCD Type Low Voltage Mask MCU
HT49C50-1	8-Bit LCD Type Mask MCU
HT49C50L	8-Bit LCD Type Low Voltage Mask MCU
HT49C70-1	8-Bit LCD Type Mask MCU
HT49C70L	8-Bit LCD Type Low Voltage Mask MCU
HT49R30A-1	8-Bit LCD Type OTP MCU
HT49R50A-1	8-Bit LCD Type OTP MCU
HT49R70A-1	8-Bit LCD Type OTP MCU
HT600	3 <sup>18</sup> Series of Encoders
HT6010	3 <sup>12</sup> Series of Encoders
HT6012	3 <sup>12</sup> Series of Encoders
HT6014	3 <sup>12</sup> Series of Encoders
HT6026	Remote Control Encoder
HT6030	3 <sup>12</sup> Series of Decoders
HT6032	3 <sup>12</sup> Series of Decoders
HT6034	3 <sup>12</sup> Series of Decoders
HT604L	3 <sup>18</sup> Series of Decoders
HT614	3 <sup>18</sup> Series of Decoders
HT6207	3 <sup>18</sup> Series of Encoders
HT6221	Multi-Purpose Encoders
HT6222	Multi-Purpose Encoders
HT6230	Infrared Remote Encoder
HT6240-002	Infrared Remote Encoder
HT62L256	CMOS 32K×8 Low Power SRAM
HT6523	PS/2 Mouse Controller
HT6571	Multiple RS-232 Drivers and Receivers
HT6720	13.56MHz RFID Transponder
HT6740*	13.56MHz RFID Transponder
HT6750	Date Printer
HT6751A	Camera Motor Driver (1.5 Channel)
HT6751B	Camera Motor Driver (1.5 Channel)
HT680	3 <sup>18</sup> Series of Encoders
HT692	3 <sup>18</sup> Series of Decoders
HT6P20	2 <sup>24</sup> OTP Encoder
HT6P20A	2 <sup>24</sup> OTP Encoder
HT6P20B	2 <sup>24</sup> OTP Encoder
HT6P20D	2 <sup>24</sup> OTP Encoder
HT7022A	2.2V Voltage Detector
HT7024A	2.4V Voltage Detector
HT7024A-1*	2.4V Voltage Detector
HT7027A	2.7V Voltage Detector
HT7027A-1*	2.7V Voltage Detector
HT7033A	3.3V Voltage Detector
HT7033A-1*	3.3V Voltage Detector
HT7039A	3.9V Voltage Detector
HT7039A-1*	3.9V Voltage Detector
HT7044A	4.4V Voltage Detector
HT7044A-1*	4.4V Voltage Detector
HT7050A	5.0V Voltage Detector

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<b>Part No.</b>	<b>Product Description</b>
HT7050A-1*	5.0V Voltage Detector
HT7070A	7.0V Voltage Detector
HT7130	3.0V High Voltage Regulator
HT7130-1	3.0V 30mA Voltage Regulator
HT7133	3.3V High Voltage Regulator
HT7133-1	3.3V 30mA Voltage Regulator
HT7136	3.6V High Voltage Regulator
HT7136-1	3.6V 30mA Voltage Regulator
HT7144	4.4V High Voltage Regulator
HT7144-1	4.4V 30mA Voltage Regulator
HT7150	5.0V High Voltage Regulator
HT7150-1	5.0V 30mA Voltage Regulator
HT7318*	1.8V 300mA Regulator
HT7325*	2.5V 300mA Regulator
HT7327*	2.7V 300mA Regulator
HT7330*	3.0V 300mA Regulator
HT7333*	3.3V 300mA Regulator
HT7335*	3.5V 300mA Regulator
HT7338*	3.8V 300mA Regulator
HT7350*	5.0V 300mA Regulator
HT7430	3.0V Negative Voltage Regulator
HT7500	Clinical Thermometer
HT7501	Clinical Thermometer
HT7530	3.0V High Driver Regulator
HT7530-1	3.0V 100mA Voltage Regulator
HT7533	3.3V High Driver Regulator
HT7533-1	3.3V 100mA Voltage Regulator
HT7536	3.6V High Driver Regulator
HT7536-1	3.6V 100mA Voltage Regulator
HT7544	4.4V High Driver Regulator
HT7544-1	4.4V 100mA Voltage Regulator
HT7550	5.0V High Driver Regulator
HT7550-1	5.0V 100mA Voltage Regulator
HT7580	8.0V High Driver Regulator
HT7610A	General Purpose PIR Controller
HT7610B	General Purpose PIR Controller
HT7611A	General Purpose PIR Controller
HT7611B	General Purpose PIR Controller
HT7627	PFM Step-up DC/DC Converter & Voltage Detector
HT7660	CMOS Switched-Capacitor Voltage Converter
HT81003	EasyVoice™ 3-Second Speech
HT81006	EasyVoice™ 6-Second Speech (data sheet to be provided)
HT81009	EasyVoice™ 9-Second Speech (data sheet to be provided)
HT81012	EasyVoice™ 12-Second Speech (data sheet to be provided)
HT81018	EasyVoice™ 18-Second Speech (data sheet to be provided)
HT81R03	EasyVoice™ 3-Second Speech OTP
HT81R36	EasyVoice™ 36-Second Speech OTP (data sheet to be provided)
HT82K28A	Win98 Keyboard Encoder
HT82K29A*	Windows 2000 Keyboard Encoder

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<b>Part No.</b>	<b>Product Description</b>
HT82K628A	Windows 2000 Keyboard Encoder
HT82K68A	8-Bit Multimedia Keyboard Encoder Mask MCU
HT82K68E	8-Bit Multimedia Keyboard Encoder OTP MCU
HT82K96A	8-Bit USB Multimedia Keyboard Encoder Mask MCU (data sheet to be provided)
HT82K96E	8-Bit USB Multimedia Keyboard Encoder OTP MCU
HT82M398A	WIN2000 3D PS/2 Mouse Controller
HT82M39A	3D PS/2 Mouse Controller
HT82M938R	27MHz Single Channel therefore 3D PS/2 Mouse Receiver
HT82M938T	27MHz Single Channel therefore 3D PS/2 Mouse Transmitter
HT82M980A	WIN2000 3D USB+PS2 Mouse
HT82M98A	3D USB+PS2 Mouse
HT82M99A	8-Bit USB Mouse Encoder Mask MCU (data sheet to be provided)
HT82M99E*	8-Bit USB Mouse Encoder OTP MCU
HT82V14	14-Bit CCD/CIS Analog Signal Processor
HT82V16	16-Bit CCD/CIS Analog Signal Processor
HT82V26	16-Bit CCD/CIS Analog Signal Processor (data sheet to be provided)
HT82V36	16-Bit CCD/CIS Analog Signal Processor (data sheet to be provided)
HT82V731	Audio D/A Converter
HT82V732	60mA audio power amp
HT82V733	240mA audio power amp (data sheet to be provided)
HT82V738*	24-bit 96kHz audio DAC for DVD
HT83003	3-Second Q-Voice™ (data sheet to be provided)
HT83006	6-Second Q-Voice™ (data sheet to be provided)
HT83009	9-Second Q-Voice™ (data sheet to be provided)
HT83018	18-Second Q-Voice™ (data sheet to be provided)
HT83036	36-Second Q-Voice™ (data sheet to be provided)
HT83072	72-Second Q-Voice™ (data sheet to be provided)
HT84036	36-Second Magic Voice™
HT84072	72-Second Magic Voice™
HT84144	144-Second Magic Voice™
HT84192	192-Second Magic Voice™
HT84384	384-Second Magic Voice™
HT86072	8-Bit 72-Second Voice Synthesizer MCU
HT86144	8-Bit 144-Second Voice Synthesizer MCU
HT86192	8-Bit 192-Second Voice Synthesizer MCU
HT86384	8-Bit 384-Second Voice Synthesizer MCU
HT8970	Voice Echo
HT9015	RF Single Chip for Cordless Phone
HT9020B	Call Progress Tone Detector
HT9032C	Calling Line Identification Receiver
HT9032D	Calling Line Identification Receiver
HT9033*	CAS Tone Decoder
HT9142	FM IF Detector
HT9170B	DTMF Receiver (18DIP)
HT9170D	DTMF Receiver (18SOP)
HT9200A	DTMF Generators (8DIP/SOP)
HT9200B	DTMF Generators (14SOP)
HT9274	Quad Micropower Op Amp
HT9302A	1-Memory/2-Memory Tone/Pulse Dialer

<b>Numerical Index</b>	
<b>Part No.</b>	<b>Product Description</b>
HT9302B	1-Memory/2-Memory Tone/Pulse Dialer
HT9302C	1-Memory/2-Memory Tone/Pulse Dialer
HT9302D	1-Memory/2-Memory Tone/Pulse Dialer
HT9302G	1-Memory/2-Memory Tone/Pulse Dialer
HT9315A	15-Memory Tone/Pulse Dialer
HT9315AL	15-Memory Tone/Pulse Dialer With IDD Lock
HT9315B	15-Memory Tone/Pulse Dialer
HT9315BL	15-Memory Tone/Pulse Dialer With IDD Lock
HT9315C	15-Memory Tone/Pulse Dialer
HT9315CL	15-Memory Tone/Pulse Dialer With IDD Lock
HT9315D	15-Memory Tone/Pulse Dialer
HT9315DL	15-Memory Tone/Pulse Dialer With IDD Lock
HT9320A	22-Memory Tone/Pulse Dialer
HT9320B	22-Memory Tone/Pulse Dialer
HT9320C	22-Memory Tone/Pulse Dialer
HT9320H	22-Memory Tone/Pulse Dialer
HT9320K	22-Memory Tone/Pulse Dialer
HT9320L	22-Memory Tone/Pulse Dialer
HT9320L-x	22-Memory Tone/Pulse Dialer
HT93214A	1-memory Tone/Pulse Dialer
HT93214AT	1-memory Tone/Pulse Dialer
HT93214B	1-memory Tone/Pulse Dialer
HT93LC46	CMOS 1K 3-Wire Serial EEPROM
HT93LC56	CMOS 2K 3-Wire Serial EEPROM
HT93LC66	CMOS 4K 3-Wire Serial EEPROM
HT9480	8-Bit Numerical Pager Controller MCU
HT94804	Numeric Pager Controller (data sheet to be provided)
HT9590	8-Bit Character Pager Controller MCU (data sheet to be provided)
HT9590A	4 in 1 Character Pager Controller (data sheet to be provided)
HT95A100*	8-Bit I/O Type Phone Controller Mask MCU
HT95A10P*	8-Bit I/O Type Phone Controller OTP MCU
HT95A200	8-Bit I/O Type Phone Controller Mask MCU
HT95A20P	8-Bit I/O Type Phone Controller OTP MCU
HT95A300	8-Bit I/O Type Phone Controller Mask MCU
HT95A30P	8-Bit I/O Type Phone Controller OTP MCU
HT95A400*	8-Bit I/O Type Phone Controller Mask MCU
HT95A40P*	8-Bit I/O Type Phone Controller OTP MCU
HT95C200	8-Bit CID Type Phone Controller Mask MCU
HT95C20P	8-Bit CID Type Phone Controller OTP MCU
HT95C300	8-Bit CID Type Phone Controller Mask MCU
HT95C30P	8-Bit CID Type Phone Controller OTP MCU
HT95C400*	8-Bit I/O Type Phone Controller Mask MCU
HT95C40P*	8-Bit I/O Type Phone Controller OTP MCU
HT95L100	8-Bit LCD Type Phone Controller Mask MCU
HT95L10P	8-Bit LCD Type Phone Controller OTP MCU
HT95L200	8-Bit LCD Type Phone Controller Mask MCU
HT95L20P	8-Bit LCD Type Phone Controller OTP MCU
HT95L300	8-Bit LCD Type Phone Controller Mask MCU
HT95L30P	8-Bit LCD Type Phone Controller OTP MCU

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<b>Part No.</b>	<b>Product Description</b>
HT95L400*	8-Bit I/O Type Phone Controller Mask MCU
HT95L40P*	8-Bit I/O Type Phone Controller OTP MCU
HTG2130	8-Bit 160 Pixel Dot Matrix LCD MCU Series (data sheet to be provided)
HTG2150	8-Bit 320 Pixel Dot Matrix LCD MCU Series
HTG2160	8-Bit 640 Pixel Dot Matrix LCD MCU Series (data sheet to be provided)
HTG2190	8-Bit 1024 Pixel Dot Matrix LCD MCU Series
HTG21A0*	8-Bit 2000 Pixel Dot Matrix LCD MCU Series

\* Under Development