Super SMT 74HC Kits™

74HC

This **Super SMT 74HC Kit™** is **IC74HC107TYPE-15PC,** 107 types of **74HC series Logic Integrated Circuits.**

This easy-to-use kit minimizes your time to look for a particular IC and help solve the problem of workbench clutter. It is convenient, portable, refillable and affordable.

The kit contains a wide selection of 74HC series Logic Integrated Circuits. All of the types are carefully selected by us. Its logic contains **Logic - Multiplexers, Decoders; Logic - Multivibrators; Logic - Gates and Inverters; Logic - Shift Registers; Logic - Buffers, Drivers, Receivers, Transceivers; Logic - Flip Flops; Logic - Latches** and **Logic - Counters, Dividers.** There are 15PCs for each type.

Abbreviations used here are: IC stands for Integrated Circuits; 74HC is short for IC series. All the types and technical parameters are shown in the tables below. For specific details, please refer to the datasheets.

The 74HC kit is individually stored in snap - lock enclosures. Each enclosure has **128 individually lidded compartments** (0.87" (L) x 0.59" (W) x 0.63" (D)) with manufacturer part number printed on every lid.

It is easy and convenient to operate the enclosure so that your time for obtaining a particular IC is minimized.

The enclosure takes the same surface space as a letter size paper and measures only: **11" (L) x 8.5" (W) x 1.75" (H) or 280 x 216 x 45 (mm).** Thus they can be easily put on a workbench, stored on a shelf, or transported to another site, making them the best choice for building prototypes or reworking printed circuit boards.

Refills are available for any value in the table. Our kits are offered at such low prices so that you will pay less than the cost of buying the ICs alone from retail distributors.

Part #	Description	Price
IC74HC107TYPE-15PC	**107 types of 74HC series popular logic integrated circuits, 15pcs/type**	**$ 590**

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Specifications for 74HC Series Logic Integrated Circuits ($V_{Power\ Supply}$ is 2 V ~ 6 V)

Manufacturer Part Number	Manufacturer	Logic Type	Operating Temperature	Package	Datasheet Link
MC74HC157ADR2G	ON Semiconductor	Data Selector/Multiplexer	-55°C ~ 125°C	16SOIC	Datasheet
SN74HC251DR	Texas Instruments	Data Selector/Multiplexer	-40°C ~ 85°C	16-SOIC	Datasheet
SN74HC157DR	Texas Instruments	Data Selector/Multiplexer	-40°C ~ 85°C	16SOIC	Datasheet
MM74HC138MX	Fairchild Semiconductor	Decoder	-40°C ~ 85°C	16-SOIC	Datasheet
M74HC238RM13TR	STMicroelectronics	Decoder	-55°C ~ 125°C	16-SOIC	Datasheet
MC74HC138ADR2G	ON Semiconductor	Decoder/Demultiplexer	-55°C ~ 125°C	16SOIC	Datasheet
74HC138D,653	NXP Semiconductors	Decoder/Demultiplexer	-40°C ~ 125°C	16SOIC	Datasheet
74HC138PW,118	NXP Semiconductors	Decoder/Demultiplexer	-40°C ~ 125°C	16TSSOP	Datasheet
74HC238D,653	NXP Semiconductors	Decoder/Demultiplexer	-40°C ~ 125°C	16SOIC	Datasheet
SN74HC138DR	Texas Instruments	Decoder/Demultiplexer	-40°C ~ 85°C	16-SOIC	Datasheet
SN74HC138PWR	Texas Instruments	Decoder/Demultiplexer	-40°C ~ 85°C	16-TSSOP	Datasheet
SN74HC139PWR	Texas Instruments	Decoder/Demultiplexer	-40°C ~ 85°C	16TSSOP	Datasheet
SN74HC139DR	Texas Instruments	Decoder/Demultiplexer	-40°C ~ 85°C	16SOIC	Datasheet
M74HC123TTR	STMicroelectronics	Monostable	-55°C ~ 125°C	16-TSSOP	Datasheet
M74HC4538RM13TR	STMicroelectronics	Monostable	-55°C ~ 125°C	16SOIC	Datasheet
CD74HC123PWR	Texas Instruments	Monostable	-55°C ~ 125°C	16-TSSOP	Datasheet
MC74HC4538ADR2G	ON Semiconductor	Monostable	-55°C ~ 125°C	16SOIC	Datasheet
CD74HC123M96	Texas Instruments	Monostable	-55°C ~ 125°C	16-SOIC	Datasheet
74HC86D,653	NXP Semiconductors	XOR (Exclusive OR)	-40°C ~ 125°C	14SOIC	Datasheet
MC74HC86ADR2G	ON Semiconductor	XOR (Exclusive OR)	-55°C ~ 125°C	14SOIC	Datasheet
MC74HC1G08DTT1G	ON Semiconductor	AND Gate	-55°C ~ 125°C	SOT23-5	Datasheet
MC74HC08ADTR2G	ON Semiconductor	AND Gate	-55°C ~ 125°C	14TSSOP	Datasheet
74HC1G08GW,125	NXP Semiconductors	AND Gate	-40°C ~ 125°C	SC88A-5	Datasheet
74HC08D,653	NXP Semiconductors	AND Gate	-40°C ~ 125°C	14SOIC	Datasheet
MM74HC08MTCX	Fairchild Semiconductor	AND Gate	-40°C ~ 85°C	14-TSSOP	Datasheet
MM74HC08MX	Fairchild Semiconductor	AND Gate	-40°C ~ 85°C	14-SOIC	Datasheet
SN74HC08DR	Texas Instruments	AND Gate	-40°C ~ 85°C	14-SOIC	Datasheet
SN74HC08NSR	Texas Instruments	AND Gate	-40°C ~ 85°C	14-SOP	Datasheet
SN74HC11PWR	Texas Instruments	AND Gate	-40°C ~ 85°C	14-TSSOP	Datasheet
SN74HC21PWR	Texas Instruments	AND Gate	-40°C ~ 85°C	14TSSOP	Datasheet
MC74HC1G00DTT1G	ON Semiconductor	NAND Gate	-55°C ~ 125°C	SOT23-5	Datasheet
74HC1G00GW,125	NXP Semiconductors	NAND Gate	-40°C ~ 125°C	SC88A-5	Datasheet
74HC00D,653	NXP Semiconductors	NAND Gate	-40°C ~ 125°C	14SOIC	Datasheet
MM74HC00MTCX	Fairchild Semiconductor	NAND Gate	-40°C ~ 85°C	14-TSSOP	Datasheet
MM74HC00MX	Fairchild Semiconductor	NAND Gate	-40°C ~ 85°C	14-SOIC	Datasheet
SN74HC00DR	Texas Instruments	NAND Gate	-40°C ~ 85°C	14SOIC	Datasheet
SN74HC00PWR	Texas Instruments	NAND Gate	-40°C ~ 85°C	14-TSSOP	Datasheet
SN74HC20DR	Texas Instruments	NAND Gate	-40°C ~ 85°C	14-SOIC	Datasheet

Manufacturer Part Number	Manufacturer	Logic Type	Operating Temperature	Package	Datasheet Link
74HC132D,653	NXP Semiconductors	NAND Gate - Schmitt Trigger	-40°C ~ 125°C	14SOIC	Datasheet
SN74HC132DR	Texas Instruments	NAND Gate - Schmitt Trigger	-40°C ~ 85°C	14-SOIC	Datasheet
SN74HC132PWR	Texas Instruments	NAND Gate - Schmitt Trigger	-40°C ~ 85°C	14-TSSOP	Datasheet
MC74HC1G04DTT1G	ON Semiconductor	Inverter	-55°C ~ 125°C	SOT23-5	Datasheet
74HC1G04GW,125	NXP Semiconductors	Inverter	-40°C ~ 125°C	SC88A-5	Datasheet
74HC04D,653	NXP Semiconductors	Inverter	-40°C ~ 125°C	14SOIC	Datasheet
74HC04PW,118	NXP Semiconductors	Inverter	-40°C ~ 125°C	14-TSSOP	Datasheet
MM74HC04MX	Fairchild Semiconductor	Inverter	-40°C ~ 85°C	4-SOIC	Datasheet
TC74HC04AFN(ELF,M)	Toshiba	Inverter	-40°C ~ 85°C	14-SOL	Datasheet
SN74HC04DR	Texas Instruments	Inverter	-40°C ~ 85°C	14-SOIC	Datasheet
SN74HC04PWR	Texas Instruments	Inverter	-40°C ~ 85°C	14-TSSOP	Datasheet
SN74HC04NSR	Texas Instruments	Inverter	-40°C ~ 85°C	14-SOP	Datasheet
SN74HC240PWR	Texas Instruments	Inverter	-40°C ~ 85°C	20TSSOP	Datasheet
SN74HC05DR	Texas Instruments	Inverter with Open Drain	-40°C ~ 85°C	14-SOIC	Datasheet
MM74HC14MX	Fairchild Semiconductor	Inverter with Schmitt Trigger	-55°C ~ 125°C	14-SOIC	Datasheet
74HC1G14GW,125	NXP Semiconductors	Inverter with Schmitt Trigger	-40°C ~ 125°C	SC88A-5	Datasheet
74HC14D,653	NXP Semiconductors	Inverter with Schmitt Trigger	-40°C ~ 125°C	14SOIC	Datasheet
74HC14PW,118	NXP Semiconductors	Inverter with Schmitt Trigger	-40°C ~ 125°C	14-TSSOP	Datasheet
TC74HC14AFN(ELF,M)	Toshiba	Inverter with Schmitt Trigger	-40°C ~ 85°C	14-SOL	Datasheet
MC74HC14ADTR2G	ON Semiconductor	Inverter with Schmitt Trigger	-55°C ~ 125°C	14TSSOP	Datasheet
SN74HC14PWR	Texas Instruments	Inverter with Schmitt Trigger	-40°C ~ 85°C	14-TSSOP	Datasheet
SN74HC14NSR	Texas Instruments	Inverter with Schmitt Trigger	-40°C ~ 85°C	14-SOP	Datasheet
CD74HC14M96	Texas Instruments	Inverter with Schmitt Trigger	-55°C ~ 125°C	14-SOIC	Datasheet
SN74HC14DR	Texas Instruments	Inverter with Schmitt Trigger	-40°C ~ 85°C	14-SOIC	Datasheet
MM74HC32MX	Fairchild Semiconductor	OR Gate	-40°C ~ 85°C	14-SOIC	Datasheet
74HC32D,653	NXP Semiconductors	OR Gate	-40°C ~ 125°C	14SOIC	Datasheet
MC74HC1G32DTT1G	ON Semiconductor	OR Gate	-55°C ~ 125°C	SOT23-5	Datasheet
SN74HC32DR	Texas Instruments	OR Gate	-40°C ~ 85°C	14-SOIC	Datasheet
CD74HC4075PWR	Texas Instruments	OR Gate	-55°C ~ 125°C	14-TSSOP	Datasheet
MM74HC02MX	Fairchild Semiconductor	NOR Gate	-40°C ~ 85°C	14-SOIC	Datasheet
74HC02D,653	NXP Semiconductors	NOR Gate	-40°C ~ 125°C	14SOIC	Datasheet
SN74HC27DR	Texas Instruments	NOR Gate	-40°C ~ 85°C	14SOIC	Datasheet
CD74HC4094M96	Texas Instruments	Shift Register	-55°C ~ 125°C	16SOIC	Datasheet
SN74HC595DR	Texas Instruments	Shift Register	-40°C ~ 85°C	16SOIC	Datasheet
SN74HC595NSR	Texas Instruments	Shift Register	-40°C ~ 85°C	16-SOP	Datasheet
74HC165D,653	NXP Semiconductors	Shift Register	-40°C ~ 125°C	16SOIC	Datasheet
MC74HC165ADR2G	ON Semiconductor	Shift Register	-55°C ~ 125°C	16SOIC	Datasheet
SN74HC165PWR	Texas Instruments	Shift Register	-40°C ~ 85°C	16-TSSOP	Datasheet

Manufacturer Part Number	Manufacturer	Logic Type	Operating Temperature	Package	Datasheet Link
SN74HC165NSR	Texas Instruments	Shift Register	-40°C ~ 85°C	16-SOP	Datasheet
CD74HC165M96	Texas Instruments	Shift Register	-55°C ~ 125°C	16SOIC	Datasheet
MC74HC595ADR2G	ON Semiconductor	Shift Register	-55°C ~ 125°C	16SOIC	Datasheet
MC74HC595ADTR2G	ON Semiconductor	Shift Register	-55°C ~ 125°C	16TSSOP	Datasheet
MM74HC595MX	Fairchild Semiconductor	Shift Register	-40°C ~ 85°C	16-SOIC	Datasheet
MM74HC595MTCX	Fairchild Semiconductor	Shift Register	-40°C ~ 85°C	16-TSSOP	Datasheet
SN74HC245NSR	Texas Instruments	Transceiver, Non-Inverting	-40°C ~ 85°C	20SOP	Datasheet
CD74HC4050M96	Texas Instruments	Buffer/Line Driver, Non-Inverting	-55°C ~ 125°C	16SOICN	Datasheet
MM74HC125MX	Fairchild Semiconductor	Buffer/Line Driver, Non-Inverting	-40°C ~ 85°C	14SOIC	Datasheet
74HC1G125GW,125	NXP Semiconductors	Buffer/Line Driver, Non-Inverting	-40°C ~ 125°C	5TSSOP	Datasheet
74HC125D,653	NXP Semiconductors	Buffer/Line Driver, Non-Inverting	-	14SOICN	Datasheet
M74HC365RM13TR	STMicroelectronics	Buffer/Line Driver, Non-Inverting	-55°C ~ 125°C	16SOICN	Datasheet
SN74HC125DR	Texas Instruments	Buffer/Line Driver, Non-Inverting	-40°C ~ 85°C	14SOICN	Datasheet
SN74HC244NSR	Texas Instruments	Buffer/Line Driver, Non-Inverting	-40°C ~ 85°C	20SOP	Datasheet
SN74HC541PWR	Texas Instruments	Buffer/Line Driver, Non-Inverting	-40°C ~ 85°C	20TSSOP	Datasheet
TC74HC125AFN(ELF,M)	Toshiba	Buffer/Line Driver, Non-Inverting	-40°C ~ 85°C	14-SOIC	Datasheet
SN74HC125PWT	Texas Instruments	Buffer/Line Driver, Non-Inverting	-40°C ~ 85°C	14TSSOP	Datasheet
CD74HC73M96	Texas Instruments	JK Type	-55°C ~ 125°C	14SOIC	Datasheet
MM74HC74AMTCX	Fairchild Semiconductor	D-Type	-40°C ~ 85°C	14TSSOP	Datasheet
MM74HC74AMX	Fairchild Semiconductor	D-Type	-40°C ~ 85°C	14-SOIC	Datasheet
M74HC74RM13TR	STMicroelectronics	D-Type	-55°C ~ 125°C	14-SOIC	Datasheet
MC74HC74ADTR2G	ON Semiconductor	D-Type	-55°C ~ 125°C	14TSSOP	Datasheet
SN74HC74NSR	Texas Instruments	D-Type	-40°C ~ 85°C	14-SOP	Datasheet
SN74HC74DR	Texas Instruments	D-Type	-40°C ~ 85°C	14-SOIC	Datasheet
M74HC73TTR	STMicroelectronics	JK Type	-55°C ~ 125°C	14-TSSOP	Datasheet
SN74HC573APWR	Texas Instruments	D-Type Transparent Latch	-40°C ~ 85°C	20-TSSOP	Datasheet
74HC161D,653	NXP Semiconductors	Binary Counter	-40°C ~ 125°C	16SOIC	Datasheet
74HC393D,653	NXP Semiconductors	Binary Counter	-40°C ~ 125°C	14SOIC	Datasheet
M74HC4060TTR	STMicroelectronics	Binary Counter	-55°C ~ 125°C	16-TSSOP	Datasheet
M74HC161TTR	STMicroelectronics	Binary Counter	-55°C ~ 125°C	16-TSSOP	Datasheet
SN74HC4060DR	Texas Instruments	Binary Counter	-40°C ~ 85°C	16SOIC	Datasheet

NOTICE

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