



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
IC74HC107TYPE-15PC	107 types of 74HC series popular logic integrated circuits, 15pcs/type



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



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



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



**NOTICE**

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