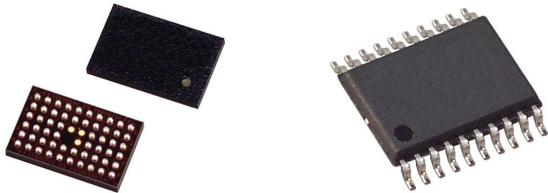


## 74LVC SERIES LOW-VOLTAGE CMOS (CONT.)

Mfg. Part No.	Case Style	Supply Voltage	Stock No.	Tape Cut 1-9+
<b>Buffer / Line Driver, Inverting</b>				
● SN74LVC1G240DBVR	SOT-23-5	1.65 V-5.5 V	76C4091	---
● SN74LVC2G060DBVR	SOT-23-6	1.65 V-5.5 V	76C4193	0.13
● SN74LVC3G060DCTR	SSOP-8	1.65 V-5.5 V	68K1121	0.21
● SN74LVC3G060DCUR	VSSOP-8	1.65 V-5.5 V	76C4264	---
<b>Transceiver, Non Inverting</b>				
● SN74LVC2T45YZPR	BGA-8	1.65 V-5.5 V	10J9673	---
● SN74LVC1T45DCKR	SC-70-6	1.65 V-5.5 V	01J0797	0.25
● SN74LVC245ADW	SOIC-20	1.65 V-3.6 V	76C4247	---
● SN74LVCC3245ADW	SOIC-24	2.3 V-3.6 V	67K2858	0.65
● SN74LVC4245ADWR	SOIC-24	2.7 V-3.6 V	35K0821	---
● SN74LVC1T45DBVT	SOT-23-6	1.65 V-5.5 V	01J0796	0.51
● SN74LVC2T45DCTT	SSOP-8	1.65 V-5.5 V	69K0399	0.32
● SN74LVC4245ADBR	SSOP-24	2.7 V-5.5 V	76C4289	---
● SN74LVC16245ADL	SSOP-48	1.65 V-3.6 V	72K9437	---
● SN74LVC245APW	TSSOP-20	1.65 V-5.5 V	02H5434	---
● SN74LVC8T245PWR	TSSOP-24	1.65 V-5.5 V	58K6538	0.56
● SN74LVCC3245APW	TSSOP-24	2.3 V-5.5 V	02H5425	---
● SN74LVC4245APWR	TSSOP-24	2.7 V-3.6 V	92B8894	---
● SN74LVC4245APW	TSSOP-24	4.5 V-5.5 V	35K4892	---
● SN74LVCR16245ADGGR	TSSOP-48	1.65 V-3.6 V	34H2456	---
● SN74LVC16245ADGGR	TSSOP-48	1.65 V-3.6 V	36K7622	0.48
● SN74LVCH16245ADGGR	TSSOP-48	1.65 V-3.6 V	35K0815	---
● SN74LVC16T245DGGR	TSSOP-48	1.65 V-5.5 V	58K6530	1.55
● SN74LVC2T45DCUT	VSSOP-8	1.65 V-5.5 V	01J0800	---
<b>Transceiver, Translating</b>				
● SN74LVC1T45YZPR	DSBGA-6	1.65 V-5.5 V	10J9664	---

PIM\_70392

LOGIC - VOLTAGE-LEVEL  
TRANSLATORS

The output level is referenced to the supply voltage and is able to support 1.8 V/2.5 V/3.3 V/5 V CMOS levels. The input is designed with a lower threshold circuit to match 1.8 V input logic at VCC = 3.3 V and can be used in 1.8 V to 3.3 V level up translation.

Mfg. Part No.	Case Style	Prop. Delay	Output Current	Supply Voltage	Stock No.	Tape Cut 1-9+
<b>Level Translator</b>						
● TXB0104ZXUR	BGA-12	4ns	0.02mA	1.2 V-3.6 V	18M3269	---
● SN65CML100DGK	MSOP-8	800ps	0.4mA	3 V-3.6 V	22H0085	---
● SN65LVD100D	SOIC-8	470ps	0.012mA	3 V-3.6 V	02E6889	---
● TXS0102DCUR	VSSOP-8	165ns	50mA	1.65 V-5.5 V	30M1878	---
<b>Voltage Level Translator</b>						
● TXB0106PWR	TSSOP-16	4ns	0.02mA	1.2 V-3.6 V	46P3786	---
● TXB0108PWR	TSSOP-20	4ns	0.02mA	1.65 V-5.5 V	27M1151	0.60
● PCA9306DCUR	VSSOP-8	1.5ns	64mA	0 V-5 V	24K4704	0.32
● TXS0102DCUT	VSSOP-8	165ns	50mA	1.65 V-3.6 V	30M1879	---

PIM\_91479

74HC SERIES HIGH-SPEED CMOS  
LOGIC

## Features:

- 2V to 6V operation
- Very high impedance inputs

- Can sink and source approx. 20mA
- Large fan-out capability

The 74HC family of logic devices are high speed, low power devices that use CMOS circuitry. The devices are pin compatible with many existing devices such as the 74TTL, 74STTL and 4000 series.

## 74HC SERIES HIGH-SPEED CMOS LOGIC (CONT.)

Part Numbering: SN54ABT36148HFP EP (Enhanced Plastic)				
Prefix SN	Military Temperature - 54	Technology - ABT	Circuit Designator - 3614	Package Type - 3614
SN = Commercial Processing SNJ = MIL-PRF-38535 (QML)	54 = -55°C to 125°C 74 = 0°C to 70°C	ABT = Advanced BiMOS ACT = Advanced CMOS LS = Low Power Schottky HC = High Speed CMOS (CMOS) HCT = High Speed CMOS (TTL)	J, JE = Ceramic DIP L, L20 = Leadless Chip Carrier	J = CDIP HFP = CFP KGD = KGD PCB/PN = QFP FK = LCCC GB = BGA

Mfg. Part No.	Case Style	Output Current	Supply Voltage	Stock No.	Price Each 1-9+
<b>AND Gate</b>					
● SN74HC11N	DIP-14	5.2mA	2Vto6V	60K6822	---
● SN74HC08N	DIP-14	5.2mA	2Vto6V	60K6819	---
● CD74HC08E	DIP-14	5.2mA	2Vto6V	60K5155	---
● CD74HC08M	SOIC-14	5.2mA	2Vto6V	06F3027	---
● SN74HC21D	SOIC-14	5.2mA	2Vto6V	76C3493	---
● SN74HC08D	SOIC-14	5.2mA	2Vto6V	36K3552	0.08
● SN74HC11D	SOIC-14	5.2mA	2Vto6V	35K0801	0.11
● SN74HC7001D	SOIC-14	5.2mA	2Vto6V	08F6560	0.33
<b>Bus Buffer</b>					
● SN74HC126N	DIP-14	6mA	2Vto6V	67K1082	0.11
<b>Inverter</b>					
● SN74HC04N	DIP-14	5.2mA	2Vto6V	08F6425	---
● SN74HC05N	DIP-14	5.2mA	2Vto6V	60K6818	0.14
● CD74HC04E	DIP-14	5.2mA	2Vto6V	60K5154	---
● CD74HC049E	DIP-16	5.2mA	2Vto6V	06F3117	0.12
● SN74HCT04D	SOIC-14	4mA	4.5Vto5.5V	52F5557	---
● SN74HC05D	SOIC-14	5.2mA	2Vto6V	08F6426	---
● SN74HC04D	SOIC-14	5.2mA	2Vto6V	72K9430	0.13
● CD74HC04M	SOIC-14	5.2mA	2Vto6V	06F3024	---
● CD74HC14M	SOIC-14	5.2mA	2Vto6V	66F5182	0.07
● SN74HC14NSR	SOP-14	5.2mA	2Vto6V	76C3452	---
● SN74HC14PW	TSSOP-14	5.2mA	2Vto6V	02H5414	0.11
<b>Inverter Schmitt Trigger</b>					
● SN74HC14N	DIP-14	5.2mA	2Vto6V	60K6826	0.57
● SN74HC14D	SOIC-14	5.2mA	2Vto6V	08F6449	0.37
<b>NAND</b>					
● CD74HCT30E	DIP-14	4mA	4.5Vto5.5V	67K0122	0.10
● SN74HC00N	DIP-14	5.2mA	2Vto6V	60K6816	0.14
● SN74HC03N	DIP-14	5.2mA	2Vto6V	08F6423	---
● SN74HC20N	DIP-14	5.2mA	2Vto6V	08F6475	---
● CD74HC00E	DIP-14	5.2mA	2Vto6V	06F3016	---
● SN74HC10N	DIP-14	5.2mA	2Vto6V	60K6820	---
● SN74HC10D	SOIC-14	5.2mA	2Vto6V	72K9431	---
● SN74HC00D	SOIC-14	5.2mA	2Vto6V	08F6419	---
● SN74HC20D	SOIC-14	5.2mA	2Vto6V	70C4339	0.15
● CD74HC00M	SOIC-14	5.2mA	2Vto6V	74C8257	0.25
● SN74HC03D	SOIC-14	5.2mA	2Vto6V	36K7618	---
● SN74HC00PW	TSSOP-14	5.2mA	2Vto6V	02H5406	---
<b>NAND Schmitt Trigger</b>					
● SN74HC132D	SOIC-14	5.2mA	2Vto6V	35K0802	---
● SN74HC132DR	SOIC-14	25mA	2Vto6V	35K0803	0.01
<b>NOR</b>					
● SN74HC02N	DIP-14	5.2mA	2Vto6V	60K6817	---
● SN74HC27N	DIP-14	5.2mA	2Vto6V	60K6835	0.15
● SN74HC02D	SOIC-14	5.2mA	2Vto6V	08F6421	0.13
● SN74HC27D	SOIC-14	5.2mA	2Vto6V	67K2846	0.09
● SN74HC02DR	SOIC-14	25mA	2Vto6V	36K7617	0.07
<b>OR</b>					
● SN74HC32N	DIP-14	5.2mA	2Vto6V	60K6836	---
● SN74HC32D	SOIC-14	5.2mA	2Vto6V	08F6501	0.08
● CD74HC32M	SOIC-14	5.2mA	2Vto6V	34K2414	---
● CD74HC4075M	SOIC-14	5.2mA	2Vto6V	66F5511	---
<b>XOR Gate</b>					
● SN74HC86N	DIP-14	5.2mA	2Vto6V	60K6846	---
● SN74HC86D	SOIC-14	5.2mA	2Vto6V	52F2611	0.14

<b>AND Gate</b>					
● SN74HC11N	DIP-14	5.2mA	2Vto6V	60K6822	---
● SN74HC08N	DIP-14	5.2mA	2Vto6V	60K6819	---
● CD74HC08E	DIP-14	5.2mA	2Vto6V	60K5155	---
● CD74HC08M	SOIC-14	5.2mA	2Vto6V	06F3027	---
● SN74HC21D	SOIC-14	5.2mA	2Vto6V	76C3493	---
● SN74HC08D	SOIC-14	5.2mA	2Vto6V	36K3552	0.08
● SN74HC11D	SOIC-14	5.2mA	2Vto6V	35K0801	0.11
● SN74HC7001D	SOIC-14	5.2mA	2Vto6V	08F6560	0.33
<b>Bus Buffer</b>					
● SN74HC126N	DIP-14	6mA	2Vto6V	67K1082	0.11
<b>Inverter</b>					
● SN74HC04N	DIP-14	5.2mA	2Vto6V	08F6425	---
● SN74HC05N	DIP-14	5.2mA	2Vto6V	60K6818	0.14
● CD74HC04E	DIP-14	5.2mA	2Vto6V	60K5154	---
● CD74HC049E	DIP-16	5.2mA	2Vto6V	06F3117	0.12
● SN74HCT04D	SOIC-14	4mA	4.5Vto5.5V	52F5557	---
● SN74HC05D	SOIC-14	5.2mA	2Vto6V	08F6426	---
● SN74HC04D	SOIC-14	5.2mA	2Vto6V	72K9430	0.13
● CD74HC04M	SOIC-14	5.2mA	2Vto6V	06F3024	---
● CD74HC14M	SOIC-14	5.2mA	2Vto6V	66F5182	0.07
● SN74HC14NSR	SOP-14	5.2mA	2Vto6V	76C3452	---
● SN74HC14PW	TSSOP-14	5.2mA	2Vto6V	02H5414	0.11
<b>Inverter Schmitt Trigger</b>					
● SN74HC14N	DIP-14	5.2mA	2Vto6V	60K6826	0.57
● SN74HC14D	SOIC-14	5.2mA	2Vto6V	08F6449	0.37
<b>NAND</b>					
● CD74HCT30E	DIP-14	4mA	4.5Vto5.5V	67K0122	0.10
● SN74HC00N	DIP-14	5.2mA	2Vto6V	60K6816	0.14
● SN74HC03N	DIP-14	5.2mA	2Vto6V	08F6423	---
● SN74HC20N	DIP-14	5.2mA	2Vto6V	08F6475	---
● CD74HC00E	DIP-14	5.2mA	2Vto6V	06F3016	---
● SN74HC10N	DIP-14	5.2mA	2Vto6V	60K6820	---
● SN74HC10D	SOIC-14	5.2mA	2Vto6V	72K9431	---
● SN74HC00D	SOIC-14	5.2mA	2Vto6V	08F6419	---
● SN74HC20D	SOIC-14	5.2mA	2Vto6V	70C4339	0.15
● CD74HC00M	SOIC-14	5.2mA	2Vto6V	74C8257	0.25
● SN74HC03D	SOIC-14	5.2mA	2Vto6V	36K7618	---
● SN74HC00PW	TSSOP-14	5.2mA	2Vto6V	02H5406	---
<b>NAND Schmitt Trigger</b>					
● SN74HC132D	SOIC-14	5.2mA	2Vto6V	35K0802	---
● SN74HC132DR	SOIC-14	25mA	2Vto6V	35K0803	0.01
<b>NOR</b>					
● SN74HC02N	DIP-14	5.2mA	2Vto6V	60K6817	---
● SN74HC27N	DIP-14	5.2mA	2Vto6V	60K6835	0.15
● SN74HC02D	SOIC-14	5.2mA	2Vto6V	08F6421	0.13
● SN74HC27D	SOIC-14	5.2mA	2Vto6V	67K2846	0.09
● SN74HC02DR	SOIC-14	25mA	2Vto6V	36K7617	0.07
<b>OR</b>					
● SN74HC32N	DIP-14	5.2mA	2Vto6V	60K6836	---
● SN74HC32D	SOIC-14	5.2mA	2Vto6V	08F6501	0.08
● CD74HC32M	SOIC-14	5.2mA	2Vto6V	34K2414	---
● CD74HC4075M	SOIC-14	5.2mA	2Vto6V	66F5511	---
<b>XOR Gate</b>					
● SN74HC86N	DIP-14	5.2mA	2Vto6V	60K6846	---
● SN74HC86D	SOIC-14	5.2mA	2Vto6V	52F2611	0.14

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