Logical Product Selection

逻辑产品选型

3PEAK

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模拟和数模混合方案的领行者

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3PEAK

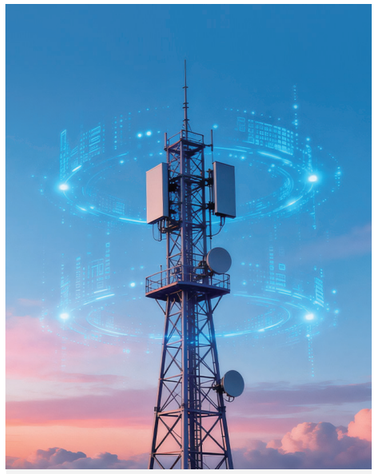
全链路可控的高可靠性逻辑产品解决方案

思瑞浦逻辑芯片提供完整的逻辑器件组合，涵盖多种电压等级与封装规格，满足工业控制、通信设备、汽车电子及消费电子等领域的广泛应用需求。该系列产品基于先进的 CMOS/BCD 工艺，具备低功耗、高噪声容限和宽工作电压范围等优势，为系统设计提供稳定可靠的逻辑控制基础。

应用领域

汽车电子系统

工业控制模块



通信基础设施

个人消费电子

人工智能设备

逻辑产品组合与优势

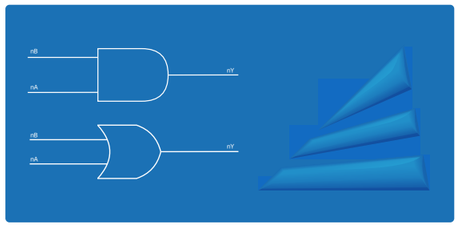
产品类别

逻辑门

标准逻辑门：与 / 与非 / 或 / 或非 / 异或

输入：CMOS / TTL / 施密特触发器

输出：推挽 / 开漏 / 三态

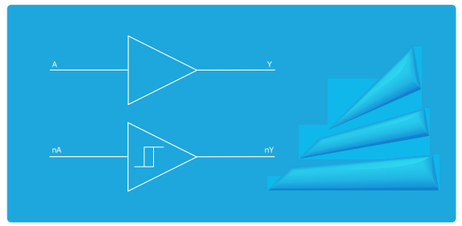


缓冲器、驱动器

反相 / 同相 / 通用收发器

输入：CMOS / TTL / 施密特触发器

输出：推挽 / 开漏 / 三态



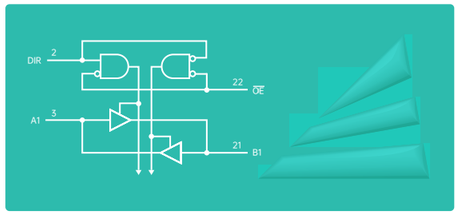
电压转换器

自动检测

方向控制

固定方向

SD 卡 / I2C / I3C / SPI 电压转换

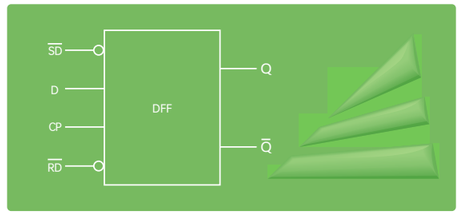


触发器、寄存器

D-型

锁存器

移位寄存器



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逻辑产品组合与优势

跨产品组合优势

01 供应链安全

- 自有测试工厂
- 12寸晶圆
- 自有COT工艺
- 长期生产支持承诺

02 第二货源选项

- 供应多元，保证稳定
- 覆盖流行功能的广泛产品组合
- 封装引脚兼容

03 多种封装选项

- 传统行业主流封装
- 用于汽车应用的无引线封装
- 小型化封装

04 特性与优势

- 强大的抗噪声能力
- 覆盖主流工作电压范围
- 低泄漏电流，有助于低功耗应用
- AEC-Q100认证，适用于汽车应用

逻辑产品系列概览

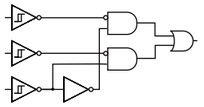
与门

2输入与门(T74x08)
3输入与门(T74X11)

与非门

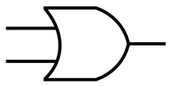
2输入与非门(T74x00/38)
3输入与非门(T74x10)
4输入与非门(T74x20)

可配置逻辑门



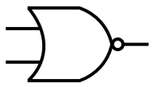
可配置逻辑门(T74x57/58/97)

或门



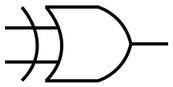
2输入或门(T74x32)

或非门



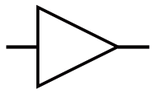
2输入或非门(T74x02)

异或门



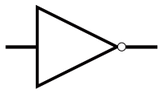
2输入异或门(T74x86)

缓冲器



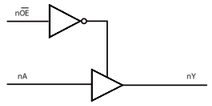
施密特触发器输入(T74x17)
缓冲器(T74x34)
三态输出(T74x07)

反相器



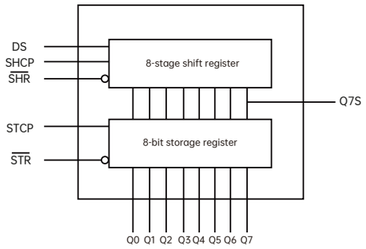
施密特触发器输入(T74x14)
反相器(T74x04)

三态缓冲器



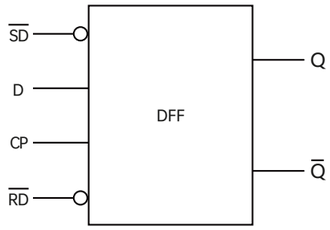
T74x541/244/125/126

移位寄存器



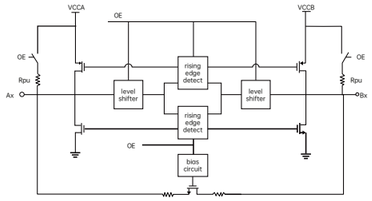
串入,串出或并出 (T74x595/594)
串入或并入,串出 (T74x165)
串入,并出(T74x164)

D型触发器

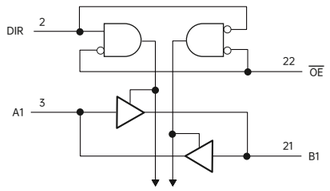


D型触发器(T74x74/73)

电压转换器



自动方向控制型(TPT20x0x)



方向控制型(T74xTx45)

更多逻辑产品开发中.....

逻辑、缓冲器与收发器系列

逻辑门系列	3PEAK系列	电源电压(V)	5V典型传播延迟	输入类型	输出驱动能力	TI器件	Nexperia器件
LVC(低压CMOS逻辑)	T74Lxx	1.65 - 5.5	4ns	CMOS	32mA	SN74LVCxx	74LVCxx
LV1T(低压TTL兼容CMOS逻辑)	T74LVxTxx	1.65 - 5.5	4.5ns	TTL/CMOS	8mA	SN74LV1Txx	74LV1Txx
AHC(高速CMOS)	T74Axx	2.0 - 6	6ns	CMOS	8mA	SN74AHCxx	74AHCxx
AHCT(高速TTL兼容CMOS)	T74ATxx	4.5 - 6	6ns	TTL/CMOS	8mA	SN74HCTxx	74HCTxx
AUP(高性能超低功耗)	T74Uxx	0.8 - 5.5	5ns	CMOS	8mA	SN74AUPxx	74AUPxx

3PEAK缓冲器、收发器系列	电源供电	通道数	输出类型	输出驱动能力	TI器件	Nexperia器件
T74A/Hxx	1.65V至5.5V	2-8	三态	8mA	SN74AHCxx	74AHCxx
T74L/Vxx	0.8V至3.6V 1.65V至5.5V	1-8	开漏/三态	8/24/32mA	SN74LVCxx	74LVCxx
T74Uxx	0.8V至5.5V	1-2	开漏/三态	8mA	SN74AUPxx	74AUPxx

电平转换器与触发器、寄存器系列

3PEAK电压转换器系列	VCCA供电范围	VCCB VCCA供电范围	数据速率(最大值)	通道数	输出类型	TI器件	Nexperia器件
T74Vxx	0.8V至3.6V	0.8V至3.6V	380Mbps	2-8	三态	SN74AVxx	74AVxx
T74Lxx	1.65V至5.5V	1.65V至5.5V	420Mbps	2-8	三态	SN74LVCxx	74LVCxx
TPT2010x	1.65V至3.6V	1.65V至5.5V	100Mbps	2-8	开漏/推挽	TXS010x	NXSS010x
TPT2020x	1.2V至3.6V	1.65V至5.5V	100Mbps	2-8	推挽	TXB010x	NXB010x
TPT29xx	0.8V至5.5V	1.65V至5.5V	12.5Mbps	2	开漏/推挽	TCA9xxx	
TPXTxx	1.7V至1.95V	1.7V至3.6V	300Mbps	7	推挽		NXS0506

触发器、寄存器系列	3PEAK系列	电源电压(V)	典型传播延迟	输入类型	静态电源电流(典型值)	TI器件	Nexperia器件
H(高速CMOS)	T74Hxx	2.0V至6.0V	4ns	CMOS	0.1uA	SN74HCxx	74HCxx
HT(高速TTL兼容CMOS)	T74HTxx	4.5V至5.5V	4.5ns	TTL/CMOS	0.1uA	SN74HCTxx	74HCTxx
HS(高速施密特触发器输入)	T7HSxx	2.0V至6.0V	6ns	CMOS	0.1uA	SN74HCSxx	74HCSxx
A(高性能高速CMOS)	T74Axx	2.0V至5.5V	6ns	TTL/CMOS	0.1uA	SN74AHCxx	74AHCxx
AT(高性能高速TTL兼容CMOS)	T74ATxx	4.5V至5.5V	5ns	CMOS	0.1uA	SN74AHCTxx	74AHCTxx

接口电平转换器选型指南

接口类型	2通道	4通道	8通道
SPI		T74V4T774,TPT20204	T74L8T245,T74V8T245, TPT20208
UART	T74V2T245	T74V4T245,T74V4T774, TPT20204	T74L8T245,T74V8T245, TPT20208
JTAG		T74V4T774,TPT20204	T74L8T245,T74V8T245, TPT20208
I2S	T74V2T245,T74V2T45, T74L2T45	T74V4T245,TPT20204	T74L8T245,T74V8T245
I2C/I3C/SMBus	TPT20102, TPT29306, TPT29336	TPT20104	TPT20108
MDIO	TPT20102	TPT20104	TPT20108
RMII/RGMII			T74V8T245, T74L8T245
Quad-SPI			TPT20208
SDIO		TPT24857, TPXT0506	
开漏和推挽输出	TPT20102	TPT20104	TPT20108

物料信息及TI、Nexperia匹配表

Part Number	Product Description	Logic Function	Output Type	Channel	Package	Target Application	Target Product→TI	Target Product→Nexperia
TPT20102-VS3R	2bit Auto direction translating transceiver	Level shifter	Push-pull output/OD	2	VSSOP8	Industry	TXS0102DCUR	NXS0102DCH
TPT20202-VS3R	2bit Auto direction translating transceiver	Level shifter	Push-pull output	2	VSSOP8	Industry	TXB0102DCUR	NXB0102DCH
TPXT0506-WLPR	SDR104 SD 3.0-compatible memory card integrated auto-direction control and level translatorSDR104 SD 3.0-compatible memory card integrated auto-direction control and level translator	Level shifter	Push-pull output	4	WLCSP-16	Industry	/	NXS0506UP
TPT20104-TS2R	4bit Auto direction translating transceiver	Level shifter	Push-pull output/OD	4	TSSOP14	Industry	TXS0104EPW	NXS0104PW
TPT20104-QN5R	4bit Auto direction translating transceiver	Level shifter	Push-pull output/OD	4	QFN1.7X2-12	Industry	TXS0104ERUTR	NXS0104GU12X
TPT20104-FS2R	4bit Auto direction translating transceiver	Level shifter	Push-pull output/OD	4	QFN1.8X1.8	Industry	/	/
TPT20104-QFMR	4bit Auto direction translating transceiver	Level shifter	Push-pull output/OD	4	QFN3.5X3.5-14	Industry	TXS0104ERGY	/
TPT20104Q-TS2R-S	4bit Auto direction translating transceiver	Level shifter	Push-pull output/OD	4	TSSOP14	Automobile	TXS0104EQPWRQ1	NXS0104PW-Q100J
TPT20104Q-QN5R-S	4bit Auto direction translating transceiver	Level shifter	Push-pull output/OD	4	QFN1.7X2-12	Automobile	TXS0104EQRUTRQ1	NXS0104GU12-Q100X
TPT20204-TS2R	4bit Auto direction translating transceiver	Level shifter	Push-pull output	4	TSSOP14	Industry	TXB0104PWR	NXB0104PWJ
TPT20204-QN5R	4bit Auto direction translating transceiver	Level shifter	Push-pull output	4	QFN1.7X2-12	Industry	TXB0104RUT	NXB0104GU12
TPT20204-QFMR	4bit Auto direction translating transceiver	Level shifter	Push-pull output	4	QFN3.5X3.5-14	Industry	TXB0104RGYR	/
TPT20204Q-QN5R-S	4bit Auto direction translating transceiver	Level shifter	Push-pull output	4	QFN1.7X2-12	Automobile	TXB0104QRUTRQ1	NXB0104GU12-Q100X
TPT20108-TS4R	8bit Auto direction translating transceiver	Level shifter	Push-pull output/OD	8	TSSOP20	Industry	TXS0108EPW	NXS0108PW
TPT20108-QN7R	8bit Auto direction translating transceiver	Level shifter	Push-pull output/OD	8	QFN3.5X4.5-20	Industry	TXS0108ERGY	NXS0108BQ
TPT20108Q-TS4R-S	8bit Auto direction translating transceiver	Level shifter	Push-pull output/OD	8	TSSOP20	Automobile	TXS0108EQPWRQ1	NXS0108PW-Q100J
TPT20208-QN7R	8bit Auto direction translating transceiver	Level shifter	Push-pull output	8	QFN3.5X4.5-20	Industry	TXB0108RGYR	/
T74L2T45-VS3R	2bit translating transceiver	Level shifter	3-state	2	VSSOP8	Industry	SN74LVC2T45DCU	74LVC2T45DC
T74L2T45Q-VS3R-S	2bit translating transceiver	Level shifter	3-state	2	VSSOP8	Industry	SN74LXC2T45QDCURQ1	74LVC2T45DC-Q100H
T74V4T245-TS3R	4bit translating transceiver with configurable voltage translation	Level shifter	3-state	4	TSSOP16	Industry	SN74AVC4T245PW	74AVC4T245PW
T74V4T245-QN6R	4bit translating transceiver with configurable voltage translation	Level shifter	3-state	4	QFN1.8X2.6-16	Industry	SN74AVC4T245RSVR	74AVC4T245GU,115
T74V4T245Q-QNHR-S	4bit translating transceiver with configurable voltage translation	Level shifter	3-state	4	QFN4X3.5-16	Automobile	SN74AVC4T245QRGYRQ1	74AVC4T245QRGYRQ1
T74V4T774-TS3R	4bit translating transceiver with configurable voltage translation	Level shifter	3-state	4	TSSOP16	Industry	SN74AVC4T774PW	74AVC4T774PW
T74V4T774-QN6R	4bit translating transceiver with configurable voltage translation	Level shifter	3-state	4	QFN1.8X2.1-16	Industry	SN74AVC4T774RSV	74AVC4T774GUX
T74V8T245-TS5R	8bit translating transceiver with configurable voltage translation	Level shifter	3-state	8	TSSOP24	Industry	SN74AVC8T245PW	74AVC8T245PW
T74V8T245Q-QFXR-S	8bit translating transceiver with configurable voltage translation	Level shifter	3-state	8	QFN5.5X3.5-24	Automobile	CAXC8T245QWRGYRQ1	74AVCH8T245BQ,118
T74L8T245-TS5R	8bit translating transceiver with configurable voltage translation	Level shifter	3-state	8	TSSOP24	Industry	SN74LVC8T245PW	74LVC8T245PW
T74L8T245Q-TS5R-S	8-Bit Dual-Supply Bus Transceiver With Configurable Voltage Translation and 3-State Outputs	Level shifter	3-state	8	TSSOP24	Automobile	SN74LVC8T245QPWR	74LVC8T245PW-Q100J
T74L1G07-SC5R	Buffer	Buffer	OD	1	SOT353	Industry	SN74LVC1G07DCK	74LVC1G07GW
T74L1G07Q-SC5R-S	Single buffer, OD	Buffer	OD	1	SOT353	Automobile	SN74LVC1G07QDCKRQ1	74LVC1G07GW-Q100H
T74L1G07-S5TR	Buffer	Buffer	OD	1	SOT23-5	Industry	SN74LVC1G07DBV	74LVC1G07GV
T74U1G07-DFZR	Buffer	Buffer	OD	1	DFN1X1-6	Industry	SN74AUP1G07DSF	74AUP1G07GS

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物料信息及TI、Nexperia匹配表

Part Number	Product Description	Logic Function	Output Type	Channel	Package	Target Application	Target Product→TI	Target Product→Nexperia
T74U1G07-SC5R	Buffer	Buffer	OD	1	SOT353	Industry	SN74AUP1G07DCK	74AUP1G07GW
T74L1G17-SC5R	Single Schmitt trigger buffer	Buffer	Push-pull output	1	SOT353	Industry	SN74LVC1G17DCK	74LVC1G17GW
T74L1G17Q-SC5R-S	Single Schmitt trigger buffer	Buffer	Push-pull output	1	SOT353	Automobile	SN74LVC1G17QDCKRQ1	74LVC1G17GW-Q100
T74LV1T34-S5TR	Buffer	Buffer	Push-pull output	1	SOT23-5	Industry	SN74LV1T34DBV	74LV1T34GV
T74L1G125-SC5R	Bus buffer/line driver	Buffer	3-state	1	SOT353	Industry	SN74LVC1G125DCK	74LVC1G125GW
T74L1G125Q-SC5R-S	single buffer/line drive	Buffer	3-state	1	SOT353	Automobile	1P1G125QDCKRQ1	74LVC1G125GW-Q100
T74L1G126-SC5R	Bus buffer/line driver	Buffer	3-state	1	SOT353	Industry	SN74LVC1G126DCK	74LVC1G126GW
T74L1G126Q-SC5R-S	single buffer/line drive	Buffer	3-state	1	SOT353	Automobile	/	74LVC1G126GW-O100
T74L2G07-SC6R	Buffer	Buffer	OD	2	SOT363	Industry	SN74LVC2G07DCK	74LVC2G07GW
T74U2G07-SC6R	dual buffer	Buffer	OD	2	SOT363	Industry	SN74AUP2G07DCKR	74AUP2G3407GW
T74U2G34-DFZR	Dual buffer	Buffer	Push-pull output	2	DFN1X1-6	Industry	SN74AUP2G34DSF	74AUP2G34GS
T74L2G125-DFSRR	Dual bus buffer/line driver	Buffer	3-state	2	DFN1.4X1-8	Industry	/	74LVC2G125GS
T74A244-TS4R	Octal buffer/line driver	Buffer	3-state	8	TSSOP20	Industry	SN74AHC244PW	74AHC244PW
T74L244-TS4R	Octal buffer/line driver	Buffer	3-state	8	TSSOP20	Industry	SN74LVC244APW	74LVC244APW
T74L541-TS4R	Buffer	Buffer	3-state	8	TSSOP20	Industry	SN74LV541APWR	74LV541APW
T74H244-TS4R	schmitt action+8-bit buffer+3-state out	Buffer	3-state	8	TSSOP20	Industry	SN74HC244PWR	74HC244PW,118
T74H245-TS4R	schmitt action+8-bit transceiver+3-state out	Buffer	3-state	8	TSSOP20	Industry	SN74HC245PWR	74HC245PW,118
T74L1G04-SC5R	single inverter	Inverter	Push-pull output	1	SOT353	Industry	SN74LVC1G04DCKR	74LVC1G04GW,125
T74L1G04Q-SC5R-S	single inverter	Inverter	Push-pull output	1	SOT353	Automobile	SN74LVC1G04QDCKRQ1	74LVC1G04GW-Q100H
T74L1G04-S5TR	single inverter	Inverter	Push-pull output	1	SOT23-5	Industry	SN74LVC1G04DBVR	74LVC1G04GV,125
T74U1G14-SC5R	Schmitt trigger inverter	Inverter	Push-pull output	1	SOT353	Industry	SN74AUP1G14DCK	74AUP1G14GW
T74L1G14-SC5R	Single Schmitt trigger inverter	Inverter	Push-pull output	1	SOT353	Industry	SN74LVC1G14DCK	74LVC1G14GW
T74L1G14Q-SC5R-S	Single Schmitt trigger inverter	Inverter	Push-pull output	1	SOT353	Automobile	SN74LVC1G14QDCKRQ1	74LVC1G14GW-Q100
T74L2G04-SC6R	Dual inverter	Inverter	Push-pull output	2	SOT363	Industry	SN74LVC2G04DCK	74LVC2G04GW
T74L2G04Q-SC6R-S	dual inverter	Inverter	Push-pull output	2	SOT363	Automobile	SN74LVC2G14IDCKRQ1	74LVC2GU04GW-Q100
T74L2G04-S6TR	Dual inverter	Inverter	Push-pull output	2	SOT363	Industry	SN74LVC2G04DBVR	74LVC2G04GV,125
T74U2G04-SC6R	Dual inverter	Inverter	Push-pull output	2	SOT363	Industry	SN74AUP2G04DCKR	74AUP2GU04GW,125
T74U2G14-DFZR	Dual Schmitt trigger inverter	Inverter	Push-pull output	2	DFN1X1-6	Industry	SN74AUP2G14DSF	74AUP2G14GS
T74L2G14-SC6R	Dual Schmitt inverter	Inverter	Push-pull output	2	SOT363	Industry	SN74LVC2G14DCKR	74LVC2G14GW,125
T74L2G14Q-SC6R-S	Dual Schmitt inverter	Inverter	Push-pull output	2	SOT363	Automobile	SN74LVC2G14IDCKRQ1	74LVC2G14GW-Q100
T74A14-SO2R	Hex inverting Schmitt trigger	Inverter	Push-pull output	6	SOP-14	Industry	SN74AHC14NS	/
T74A14-TS2R	Hex inverting Schmitt trigger	Inverter	Push-pull output	6	TSSOP14	Industry	SN74AHC14PW	74AHC14PW

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物料信息及TI、Nexperia匹配表

Part Number	Product Description	Logic Function	Output Type	Channel	Package	Target Application	Target Product→TI	Target Product→Nexperia
T74AT14Q-TS2R-S	Hex inverting Schmitt trigger, TTL	Inverter	Push-pull output	6	TSSOP14	Automobile	SN74HCT14QPWRQ1	74HCT14PW-Q100,118
T74H540-TS4R	schmitt action+8-bit inverter+3-state out	Inverter	3-state	8	TSSOP20	Industry	SN74HC540PWR	74HC540PWJ
T74U1G17-SC5R	Schmitt trigger	Schmitt trigger	Push-pull output	1	SOT353	Industry	SN74AUP1G17DCK	74AUP1G17GW
T74L2G17-SC6R	Dual Schmitt trigger	Schmitt trigger	Push-pull output	2	SOT363	Industry	SN74LVC2G17DCK	74LVC2G17GW
T74U2G17-SC6R	Dual Schmitt trigger	Schmitt trigger	Push-pull output	2	SOT363	Industry	SN74AUP2G17DCK	74AUP2G17GW
T74L1G08-SC5R	Single AND gate	AND	Push-pull output	1	SOT353	Industry	SN74LVC1G08DCK	74LVC1G08GW
T74L1G08-S5TR	Single AND gate	AND	Push-pull output	1	SOT23-5	Industry	SN74LVC1G08DBVR	74LVC1G08GV,125
T74L1G08Q-SC5R-S	Single AND gate	AND	Push-pull output	1	SOT353	Automobile	SN74LVC1G08QDCKRQ1	74LVC1G08GW-Q100
T74AT1G08Q-SC5R-S	Single AND gate, TTL	AND	Push-pull output	1	SOT353	Automobile	CAHCT1G08QDCKRQ1	74HCT1G08GW-Q100,1
T74LV1T08-S5TR	Single supply translating AND gate	AND	Push-pull output	1	SOT23-5	Industry	SN74LV1T08DBV	74LV1T08GV
T74A1G08-SC5R	Single AND gate	AND	Push-pull output	1	SOT353	Industry	SN74AHC1G08DCK	74AHC1G08GW
T74U1G08-SC5R	AND gate	AND	Push-pull output	1	SOT353	Industry	SN74AUP1G08DCK	74AUP1G08GW
T74U1G08-DFZR	AND gate	AND	Push-pull output	1	DFN1X1-6	Industry	SN74AUP1G08DSF	74AUP1G08GS
T74L1G11-SC6R	Single 3-input AND gate	AND	Push-pull output	1	SOT363	Industry	SN74LVC1G11DCK	74LVC1G11GW
T74L1G11Q-SC6R-S	Single 3-input AND gate	AND	Push-pull output	1	SOT363	Automobile	SN74LVC1G11IDCKRQ1	74LVC1G11GW-Q100
T74L2G08-VS3R	Dual AND gate	AND	Push-pull output	2	VSSOP8	Industry	SN74LVC2G08DCUR	74LVC2G08DC,125
T74L2G08-DFSRR	Dual AND gate	AND	Push-pull output	2	DFN1.4X1-8	Industry	/	74LVC2G08GS
T74U2G08-VS3R	Dual AND gate	AND	Push-pull output	2	VSSOP8	Industry	SN74AUP2G08DCU	74AUP2G08DC
T74A08-TS2R	Quad AND gate	AND	Push-pull output	4	TSSOP14	Industry	SN74AHC08PW	74AHC08PW
T74A08Q-TS2R-S	Quad AND gate	AND	Push-pull output	4	TSSOP14	Automobile	SN74HCS08QPWRQ1	74HC08PW-Q100,118
T74A08-SO2R	Quad AND gate	AND	Push-pull output	4	SOP14	Industry	SN74AHCT08DR	74AHCT08D,118
T74AT08-SO2R	Quad AND gate, TTL	AND	Push-pull output	4	SOP14	Industry	SN74AHC08MDREP	74AHC08D,118
T74AT08Q-TS2R-S	Quad AND gate, TTL	AND	Push-pull output	4	TSSOP14	Automobile	SN74AHCT08Q-Q1	74HCT08PW-Q100,118
T74A11-TS2R	Triple 3-input AND gate	AND	Push-pull output	3	TSSOP14	Industry	SN74HC11PW	74HC11PW
T74L1G00-SC5R	Single NAND gate	NAND	Push-pull output	1	SOT353	Industry	SN74LVC1G00DCK	74LVC1G00GW
T74L1G00Q-SC5R-S	Dual NAND gate	NAND	Push-pull output	1	SOT353	Automobile	SN74AHC1G00-Q1	74LVC1G00GW-Q100H
T74U1G00-SC5R	NAND gate	NAND	Push-pull output	1	SOT353	Industry	SN74AUP1G00DCK	74AUP1G00GW
T74L2G00-DFSRR	Dual NAND gate	NAND	Push-pull output	2	DFN1.4X1-8	Industry	/	74LVC2G00GS
T74U2G00-VS3R	Dual NAND gate	NAND	Push-pull output	2	VSSOP8	Industry	SN74AUP2G00DCU	74AUP2G00DC
T74L2G38-VS3R	Dual NAND gate	NAND	OD	2	VSSOP8	Industry	SN74LVC2G38DCUR	74LVC2G38DC,125
T74L2G38-DFSRR	Dual NAND gate	NAND	OD	2	DFN1.4X1-8	Industry	/	74AUP2G38GS,115
T74U2G38-VS3R	Dual NAND gate	NAND	OD	2	VSSOP8	Industry	/	74AUP2G38DC

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物料信息及TI、Nexperia匹配表

Part Number	Product Description	Logic Function	Output Type	Channel	Package	Target Application	Target Product→TI	Target Product→Nexperia
T74L2G132-VS3R	Dual NAND Gate With Schmitt-Trigger Inputs	NAND	Push-pull output	2	VSSOP8	Industry	SN74LVC2G132DCU	/
T74A20-TS2R	Dual 4-input NAND gate	NAND	Push-pull output	2	TSSOP14	Industry	SN74HC20PWR	74HC20PW,118
T74A10-TS2R	Triple 3-input NAND gate	NAND	Push-pull output	3	TSSOP14	Industry	SN74HC10PWR	74HC10PW,118
T74A00-SO2R	Quad NAND gate	NAND	Push-pull output	4	SOP14	Industry	/	/
T74A00-TS2R	Quad NAND gate	NAND	Push-pull output	4	TSSOP14	Industry	SN74AHCT00PW	74AHCT00PW
T74AT00-TS2R	Quad NAND gate	NAND	Push-pull output	4	TSSOP14	Industry	SN74AHCT00PW	74AHCT00PW
T74L1G32-SC5R	Single OR gate	OR	Push-pull output	1	SOT353	Industry	SN74LVC1G32DCK	74LVC1G32GW
T74L1G32Q-SC5R-S	Single OR gate	OR	Push-pull output	1	SOT353	Automobile	SN74LVC1G32QDCKRQ1	74HC1G32GW-Q100
T74L1G32-S5TR	Single OR gate	OR	Push-pull output	1	SOT23-5	Industry	SN74LVC1G32DBVR	74LVC1G32GV,125
T74LV1T32-S5TR	single supply translating OR gate	OR	Push-pull output	1	SOT23-5	Industry	SN74LV1T32DBV	74LV1T32G
T74A1G32-SC5R	OR gate	OR	Push-pull output	1	SOT353	Industry	SN74AHC1G32DCK	74AHC1G32GW
T74U1G32-SC5R	OR gate	OR	Push-pull output	1	SOT353	Industry	SN74AUP1G32DCK	74AUP1G32GW
T74U1G32-DFZR	OR gate	OR	Push-pull output	1	DFN1X1-6	Industry	SN74AUP1G32DSF	74AUP1G32GS
T74L2G32-VS3R	Dual OR gate	OR	Push-pull output	2	VSSOP8	Industry	SN74LVC2G32DCUR	74LVC2G32DC,125
T74L2G32-DFSRR	Dual OR gate	OR	Push-pull output	2	DFN1.4X1-8	Industry	/	74LVC2G32GS
T74U2G32-VS3R	Dual OR gate	OR	Push-pull output	2	VSSOP8	Industry	SN74AUP2G32DCU	74AUP2G32DC
T74H32-TS2R	Quadruple 2-input OR gate	OR	Push-pull output	4	TSSOP14	Industry	SN74AHC32PWR	74AHC32PW,118
T74A32-SO2R	Quad OR gate	OR	Push-pull output	4	SOP14	Industry	SN74AHC32QPWRQ1	74AHC32PW-Q100J
T74L1G02-SC5R	Single NOR gate	NOR	Push-pull output	1	SOT353	Industry	SN74LVC1G02DCK	74LVC1G02GW
T74L1G02Q-SC5R-S	Single NOR gate	NOR	Push-pull output	1	SOT353	Automobile	SN74AHC1G02QDCKRQ1	74LVC1G02GW-Q100
T74U1G02-SC5R	NOR gate	NOR	Push-pull output	1	SOT353	Industry	SN74AUP1G02DCK	74AUP1G02GW
T74U1G02-DFZR	NOR gate	NOR	Push-pull output	1	DFN1X1-6	Industry	SN74AUP1G02DSF	74AUP1G02GS
T74L2G02-VS3R	Dual NOR gate	NOR	Push-pull output	2	VSSOP8	Industry	SN74LVC2G02DCUR	74LVC2G02DC,125
T74U2G02-VS3R	Dual NOR gate	NOR	Push-pull output	2	VSSOP8	Industry	SN74AUP2G02DCU	74AUP2G02DC
T74L2G02-DFSRR	Dual NOR gate	NOR	Push-pull output	2	DFN1.4X1-8	Industry	/	74LVC2G02GS
T74U1G86-DFZR	EXCLUSIVE-OR gate	EXCLUSIVE-OR	Push-pull output	1	DFN1X1-6	Industry	/	74AUP1G86GS
T74U1G86-SC5R	EXCLUSIVE-OR gate	EXCLUSIVE-OR	Push-pull output	1	SOT353	Industry	/	74AUP1G86GW,125
T74L2G86-VS3R	Dual EXCLUSIVE-OR gate	EXCLUSIVE-OR	Push-pull output	2	VSSOP8	Industry	SN74LVC2G86DCUR	74LVC2G86DC,125
T74L2G86-DFSRR	Dual EXCLUSIVE-OR gate	EXCLUSIVE-OR	Push-pull output	2	DFN1.4X1-8	Industry	/	74AUP2G86GS,115
T74U2G86-VS3R	Dual EXCLUSIVE-OR gate	EXCLUSIVE-OR	Push-pull output	2	VSSOP8	Industry	/	74AUP2G86DC
T74A86-SO2R	Quad EXCLUSIVE-OR gate	EXCLUSIVE-OR	Push-pull output	4	SOP14	Industry	SN74AHC86DR	74AHC86D,118
T74A86-TS2R	Quad EXCLUSIVE-OR gate	EXCLUSIVE-OR	Push-pull output	4	TSSOP14	Industry	SN74AHC86DR	74AHC86PW

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物料信息及TI、Nexperia匹配表

Part Number	Product Description	Logic Function	Output Type	Channel	Package	Target Application	Target Product→TI	Target Product→Nexperia
T74AT86-TS2R	Quad EXCLUSIVE-OR gate	EXCLUSIVE-OR	Push-pull output	4	TSSOP14	Industry	SN74AHCT86PW	74AHCT86PW
T74U1G17-DFZR	Schmitt trigger	Configuration gate	Push-pull output	1	DFN1X1-6	Industry	SN74AUP1G17DSF	74AUP1G17GS
T74U1G57-SC6R	Configuration gate	Configuration gate	Push-pull output	1	SOT363	Industry	SN74AUP1G57DCKR	74AUP1G57GW,125
T74L1G58-SC6R	Configurable multiple function gate	Configuration gate	Push-pull output	1	SOT363	Industry	SN74LVC1G58DCK	74LVC1G58GW
T74U1G58-SC6R	Configurable multiple function gate	Configuration gate	Push-pull output	1	SOT363	Industry	SN74AUP1G58DCK	74AUP1G58GW
T74U1G58-DFZR	Configurable multiple function gate	Configuration gate	Push-pull output	1	DFN1X1-6	Industry	SN74AUP1G58DSF	74AUP1G58GS
T74L1G97-SC6R	Configurable multiple function gate	Configuration gate	Push-pull output	1	SOT363	Industry	SN74LVC1G97DCK	74LVC1G97GW
T74U1G97-SC6R	Configuration gate	Configuration gate	Push-pull output	1	SOT363	Industry	SN74AUP1G97DCKR	74AUP1G97GW,125
T74L1G74-VS3R	Single D-type flip-flop	D-Type	Push-pull output	1	VSSOP8	Industry	SN74LVC1G74DCUR	74LVC1G74DC,125
T74L1G74-DFSRR	Single D-type flip-flop	D-Type	Push-pull output	1	DFN1.4X1-8	Industry	SN74LVC1G74DQER	74LVC1G74GF,115
T74A74-TS2R	Dual D-Type Positive-Edge-Triggered Flip-Flops	D-Type	Push-pull output	2	TSSOP14	Industry	SN74HC74PWR	74HC74PW,118
T74A74Q-TS2R-S	Dual D-Type Positive-Edge-Triggered Flip-Flops	D-Type	Push-pull output	2	TSSOP14	Automobile	SN74HC74QPWRQ1	74HC74PW-Q100,118
T74H273-TS4R	schmitt action+octal positive-edge triggered D-type flip-flop+pp out	D-Type	Push-pull output	8	TSSOP20	Industry	SN74HC273PWR	74HC273PW,118
T74H373-TS4R	schmitt action+octal D-type transparent latch+3-state out	D-Type	Push-pull output	8	TSSOP20	Industry	SN74HC373PWR	74HC373PW,118
T74H373-TS4R	schmitt action+octal positive-edge triggered D-type flip-flop+3-state out	D-Type	Push-pull output	8	TSSOP20	Industry	SN74LV374APWR	/
T74H573-TS4R	schmitt action+octal D-type transparent latch+3-state out(package finger No diff with 373)	D-Type	Push-pull output	8	TSSOP20	Industry	SN74HC573APWR	74HC573PW,118
T74AT573-TS4R	low vth+octal D-type transparent latch+3-state out(package finger No diff with 373)	D-Type	Push-pull output	8	TSSOP20	Industry	/	/
T74H574-TS4R	schmitt action+octal positive-edge triggered D-type flip-flop+3-state out (package finger No diff with 374)	D-Type	Push-pull output	8	TSSOP20	Industry	SN74HC574PWR	74HC574PW,118
T74H164-SO2R	serial-in, parallel-out shift register	Shift register	3-state	8	SOP-14	Industry	SN74HC164DR	74HC164D
T74H164-TS2R	schmitt action+8-bit serial-in, parallel-out shift register+pp out	Shift register	Push-pull output	8	TSSOP14	Industry	SN74HC164PWR	74HC164PW,118
T74H165-TS3R	schmitt action+8-bit serial or parallel-in(asynchronous), serial out shift register+pp out	Shift register	Push-pull output	8	TSSOP16	Industry	SN74HC165PWR	74HC165PW,118
T74H165-SO3R	parallel-in/serial out shift register	Shift register	3-state	8	SOP-16	Industry	SN74HC165DR	74HC165D
T74H166-SO3R	schmitt action+8-bit serial or parallel-in(synchronous), serial out shift register+pp out	Shift register	Push-pull output	8	SOP-16	Industry	SN74HC166DR	74HC166D,653
T74H299-SOIR	schmitt action+8-bit universal shift register+3-state parallel-out, pp serial-out	Shift register	Push-pull output	8	WSOP20	Industry	CD74AC299M96	/
T74H594-SO3R	shift register with output register	Shift register	3-state	8	SOP-16	Industry	SN74HC594DR	74HC594D,118
T74H595-SO3R	serial-in, serial or parallel-out	Shift register	3-state	8	SOP-16	Industry	SN74HC595DR	74HC595D,118
T74H595-TS3R	schmitt action+8-bit serial-in/serial or parallel-out shift register with a storage register +3-state parallel-out, pp serial-out	Shift register	Push-pull output	8	TSSOP16	Industry	SN74HC595PWR	74HC595PW,118
T74HS595-SO3R	schmitt+8-bit serial-in/serial or parallel-out shift register with a storage register +3-state parallel-out, pp serial-out	Shift register	Push-pull output	8	SOP-16	Industry	SN74HCS595DR	/
T74A595-TS3R	schmitt action+8-bit serial-in/serial or parallel-out shift register with a storage register +3-state parallel-out, pp serial-out	Shift register	Push-pull output	8	TSSOP16	Industry	SN74LV595APWR	74AHC595PW,118
T74H597-SO3R	schmitt action+8-bit storage register feeding a parallel-in, serial-out 8-bit shift register with input flip-flops+pp out	Shift register	Push-pull output	8	SOP-16	Industry	CD74HC597M	74HC597D,653
T74H4094-SO3R	schmitt action+8-bit serial-in/serial or parallel-out shift register with a storage register +3-state parallel-out,pp serial-out	Shift register	Push-pull output	8	SOP-16	Industry	CD74HC4094M96	HEF4094BT,653

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