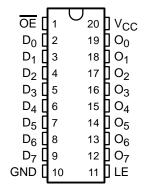
CY54FCT573T, CY74FCT573T 8-BIT LATCHES WITH 3-STATE OUTPUTS

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- **Function and Pinout Compatible With FCT** and F Logic
- Reduced V_{OH} (Typically = 3.3 V) Versions of Equivalent FCT Functions
- **Edge-Rate Control Circuitry for** Significantly Improved Noise Characteristics
- I_{off} Supports Partial-Power-Down Mode Operation
- **ESD Protection Exceeds JESD 22**
 - 2000-V Human-Body Model (A114-A)
 - 200-V Machine Model (A115-A)
 - 1000-V Charged-Device Model (C101)
- **Matched Rise and Fall Times**
- Fully Compatible With TTL Input and **Output Logic Levels**
- **3-State Outputs**
- CY54FCT573T
 - 32-mA Output Sink Current
 - 12-mA Output Source Current
- CY74FCT573T
 - 64-mA Output Sink Current
 - 32-mA Output Source Current

CY54FCT573T . . . D PACKAGE CY74FCT573T . . . P. Q. OR SO PACKAGE (TOP VIEW)



description

The 'FCT573T devices consist of eight latches with 3-state outputs for bus-organized applications. When the latch-enable (LE) input is high, the flip-flops appear transparent to the data. Data that meets the required setup times are latched when LE transitions from high to low. Data appears on the bus when the output-enable $(\overline{\sf OE})$ input is low. When \overline{OE} is high, the bus output is in the high-impedance state. In this mode, data can be entered into the latches. The 'FCT573T devices are identical to the 'FCT373T devices, except for the flow-through pinout of the 'FCT573T, which simplifies board design.

These devices are fully specified for partial-power-down applications using Ioff. The Ioff circuitry disables the outputs, preventing damaging current backflow through the device when it is powered down.



testing of all parameters.

Please be aware that an important notice concerning availability, standard warranty, and use in critical applications of Texas Instruments semiconductor products and disclaimers thereto appears at the end of this data sheet.

ORDERING INFORMATION

TA	PAC	KAGE [†]	SPEED (ns)	ORDERABLE PART NUMBER	TOP-SIDE MARKING
	QSOP - Q	Tape and reel	4.7	CY74FCT573CTQCT	FCT573C
	SOIC - SO	Tube	4.7	CY74FCT573CTSOC	FCT573C
	3010 - 30	Tape and reel	4.7	CY74FCT573CTSOCT	FC1573C
	DIP – P	Tube	5.2	CY74FCT573ATPC	CY74FCT573ATPC
-40°C to 85°C	QSOP – Q	Tape and reel	5.2	CY74FCT573ATQCT	FCT573A
-40 C to 85 C	SOIC - SO	Tube	5.2	CY74FCT573ATSOC	FCT573A
	3010 - 30	Tape and reel	5.2	CY74FCT573ATSOCT	FC1573A
	QSOP – Q	Tape and reel	8	CY74FCT573TQCT	FCT573
	SOIC - SO	Tube	8	CY74FCT573TSOC	FCT573
	3010 - 30	Tape and reel	8	CY74FCT573TSOCT	FC13/3
–55°C to 125°C	CDIP – D	Tube	8.5	CY54FCT573ATLMB	

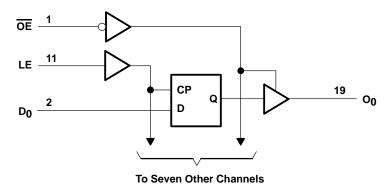
[†] Package drawings, standard packing quantities, thermal data, symbolization, and PCB design guidelines are available at www.ti.com/sc/package.

FUNCTION TABLE

	INPUTS		OUTPUT
OE	LE	D	0
L	Н	Н	Н
L	Н	L	L
L	L	Χ	Q_0
Н	X	Χ	Z

H = High logic level, L = Low logic level, X = Don't care, Z = High-impedance state, Q_n = Previous state of flip flops (Q_{n-1})

logic diagram (positive logic)



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absolute maximum rating over operating free-air temperature range (unless otherwise noted)†

Supply voltage range to ground potential		0.5	V to 7 V
DC input voltage range		0.5	V to 7 V
DC output voltage range		0.5	V to 7 V
DC output current (maximum sink current/pin)			120 mA
Package thermal impedance, θ_{JA} (see Note 1):	P package		69°C/W
	Q package		68°C/W
	SO package		58°C/W
Ambient temperature range with power applied,	, T _A	–65°C t	to 135°C
Storage temperature range, T _{stq}		–65°C t	to 150°C

[†] Stresses beyond those listed under "absolute maximum ratings" may cause permanent damage to the device. These are stress ratings only, and functional operation of the device at these or any other conditions beyond those indicated under "recommended operating conditions" is not implied. Exposure to absolute-maximum-rated conditions for extended periods may affect device reliability.

recommended operating conditions (see Note 2)

		CY54FCT573T			CY7	74FCT57	3T	UNIT
		MIN	NOM	MAX	MIN	NOM	MAX	UNIT
Vcc	Supply voltage	4.5	5	5.5	4.75	5	5.25	V
VIH	High-level input voltage	2			2			V
VIL	Low-level input voltage			8.0			0.8	V
ІОН	High-level output current			-12			-32	mA
loL	Low-level output current			32			64	mA
TA	Operating free-air temperature	-55		125	-40		85	°C

NOTE 2: All unused inputs of the device must be held at V_{CC} or GND to ensure proper device operation.



NOTE 1: The package thermal impedance is calculated in accordance with JESD 51-7.

CY54FCT573T, CY74FCT573T 8-BIT LATCHES WITH 3-STATE OUTPUTS

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electrical characteristics over recommended operating free-air temperature range (unless otherwise noted)

BABAMETER		TEST SOUDITIE		CY	54FCT57	73T	CY	74FCT57	3T	
PARAMETER		TEST CONDITIO	JN5	MIN	TYP [†]	MAX	MIN	TYP [†]	MAX	UNIT
Vive	V _{CC} = 4.5 V,	I _{IN} = -18 mA			-0.7	-1.2				V
VIK	$V_{CC} = 4.75 \text{ V},$	$I_{IN} = -18 \text{ mA}$						-0.7	-1.2	V
	$V_{CC} = 4.5 \text{ V},$	$I_{OH} = -12 \text{ mA}$		2.4	3.3					
Voн	V _{CC} = 4.75 V	$I_{OH} = -32 \text{ mA}$					2			V
	VCC = 4.75 V	I _{OH} = -15 mA					2.4	3.3		
Voi	$V_{CC} = 4.5 \text{ V},$	$I_{OL} = 32 \text{ mA}$			0.3	0.55				>
VOL	$V_{CC} = 4.75 \text{ V},$	$I_{OL} = 64 \text{ mA}$						0.3	0.55	V
V_{hys}	All inputs				0.2			0.2		٧
1.	$V_{CC} = 5.5 \text{ V},$	VIN = VCC				5				μΑ
lį	$V_{CC} = 5.25 \text{ V},$	VIN = VCC							5	μΑ
l., .	$V_{CC} = 5.5 \text{ V},$	$V_{1N} = 2.7 \text{ V}$				±1				μΑ
lін	$V_{CC} = 5.25 \text{ V},$	$V_{1N} = 2.7 \text{ V}$							±1	μΑ
1	$V_{CC} = 5.5 \text{ V},$	$V_{1N} = 0.5 V$				±1				μА
IIL	$V_{CC} = 5.25 \text{ V},$	$V_{1N} = 0.5 V$							±1	μΑ
lozu	$V_{CC} = 5.5 \text{ V},$	V _{OUT} = 2.7 V				10				μА
IOZH	$V_{CC} = 5.25 \text{ V},$	$V_{OUT} = 2.7 V$							10	μΑ
lozu	$V_{CC} = 5.5 \text{ V},$	$V_{OUT} = 0.5 V$				-10				μА
lozl	$V_{CC} = 5.25 \text{ V},$	V _{OUT} = 0.5 V							-10	μΑ
los‡	$V_{CC} = 5.5 \text{ V},$	$V_{OUT} = 0 V$		-60	-120	-225				mA
105+	$V_{CC} = 5.25 \text{ V},$	$V_{OUT} = 0 V$					-60	-120	-225	ША
l _{off}	$V_{CC} = 0 V$,	V _{OUT} = 4.5 V				±1			±1	μΑ
Icc	$V_{CC} = 5.5 \text{ V},$	$V_{IN} \le 0.2 V$,	$V_{IN} \ge V_{CC} - 0.2 V$		0.1	0.2				mA
100	$V_{CC} = 5.25 \text{ V},$	$V_{IN} \le 0.2 V$	$V_{IN} \ge V_{CC} - 0.2 V$					0.1	0.2	ША
Δlcc		$_{I}$ = 3.4 V§, f_{1} = 0, O			0.5	2				mA
ΔiCC	$V_{CC} = 5.25 \text{ V}, \text{ V}_{I}$	$N = 3.4 \text{ V}$, $f_1 = 0$, 0	Outputs open					0.5	2	ША
	V _{CC} = 5.5 V, Out One input switchi	tputs open, ing at 50% duty cycl	le, OE = GND,		0.06	0.12				
leas¶	V _{IN} ≤ 0.2 V or V _{II}		·							mA/
ICCD¶	V _{CC} = 5.25 V, Ou One input switchi V _{IN} ≤ 0.2 V or V _{II}	ing at 50% duty cycl	le, OE = GND,					0.06	0.12	MHz

[†] Typical values are at $V_{CC} = 5 \text{ V}$, $T_A = 25^{\circ}\text{C}$.



Not more than one output should be shorted at a time. Duration of short should not exceed one second. The use of high-speed test apparatus and/or sample-and-hold techniques are preferable to minimize internal chip heating and more accurately reflect operational values. Otherwise, prolonged shorting of a high output can raise the chip temperature well above normal and cause invalid readings in other parametric tests. In any sequence of parameter tests, IOS tests should be performed last.

[§] Per TTL-driven input (V_{IN} = 3.4 V); all other inputs at V_{CC} or GND

This parameter is derived for use in total power-supply calculations.

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electrical characteristics over recommended operating free-air temperature range (unless otherwise noted) (continued)

PARAMETER		TEST CONDITION	e	CY	54FCT57	73T	CY	74FCT57	'3T	UNIT	
PARAMETER		MIN	TYP [†]	MAX	MIN	TYP [†]	MAX	UNIT			
	V _{CC} = 5.5 V,	One bit switching at f ₁ = 10 MHz	$V_{IN} \le 0.2 \text{ V or}$ $V_{IN} \ge V_{CC} - 0.2 \text{ V}$		0.7	1.4					
	Outputs open,	at 50% duty cycle	$V_{IN} = 3.4 \text{ V or GND}$		1	2.4					
	OE = GND, LE = V _{CC}	OE = GND, Eight	Eight bits switching at f ₁ = 2.5 MHz	$V_{IN} \le 0.2 \text{ V or}$ $V_{IN} \ge V_{CC} - 0.2 \text{ V}$		1.3	2.6				
I _C #		at 50% duty cycle	$V_{IN} = 3.4 \text{ V or GND}$		3.3	10.6				mA	
ıC"		One bit switching at $f_1 = 10 \text{ MHz}$	$V_{IN} \le 0.2 \text{ V or}$ $V_{IN} \ge V_{CC} - 0.2 \text{ V}$					0.7	1.4	IIIA	
	V _{CC} = 5.25 V, Outputs open,	at 50% duty cycle	$V_{IN} = 3.4 \text{ V or GND}$					1	2.4		
	OE = GND, LE = V _{CC}	Eight bits switching at f ₁ = 2.5 MHz	$V_{IN} \le 0.2 \text{ V or}$ $V_{IN} \ge V_{CC} - 0.2 \text{ V}$					1.3	2.6		
		at 50% duty cycle	$V_{IN} = 3.4 \text{ V or GND}$					3.3	10.6		
C _i					6	10		6	10	pF	
Co					8	12		8	12	pF	

[†] Typical values are at $V_{CC} = 5 \text{ V}$, $T_A = 25^{\circ}\text{C}$.

Where:

IC = Total supply current

I_{CC} = Power-supply current with CMOS input levels

 ΔI_{CC} = Power-supply current for a TTL high input ($V_{IN} = 3.4 \text{ V}$)

 $\begin{array}{ll} D_H &= \text{Duty cycle for TTL inputs high} \\ N_T &= \text{Number of TTL inputs at } D_H \end{array}$

I_{CCD} = Dynamic current caused by an input transition pair (HLH or LHL)

= Clock frequency for registered devices, otherwise zero

f₁ = Input signal frequency

N₁ = Number of inputs changing at f₁

All currents are in milliamperes and all frequencies are in megahertz.

|| Values for these conditions are examples of the I_{CC} formula.

timing requirements over recommended operating free-air temperature range (unless otherwise noted) (see Figure 1)

		CY54FC	T573T	CY54FCT	573AT	UNIT
		MIN MAX MIN		MAX	UNIT	
t _W	Pulse duration, LE high	6		6		ns
t _{su}	Setup time, data before LE↑	2		2		ns
th	Hold time, data after LE↑	1.5		1.5		ns

timing requirements over recommended operating free-air temperature range (unless otherwise noted) (see Figure 1)

		CY74FCT573T C		CY74FCT573AT		CY74FCT573CT		UNIT
		MIN	MAX	MIN	MAX	MIN	MAX	ONIT
t _W	Pulse duration, LE high	6		5		5		ns
t _{su}	Setup time, data before LE↑	2		2		2		ns
t _h	Hold time, data after LE↑	1.5		1.5		1.5		ns



 $^{^{\#}}I_{C}$ = $I_{CC} + \Delta I_{CC} \times D_{H} \times N_{T} + I_{CCD} (f_{0}/2 + f_{1} \times N_{1})$

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switching characteristics over operating free-air temperature range (see Figure 1)

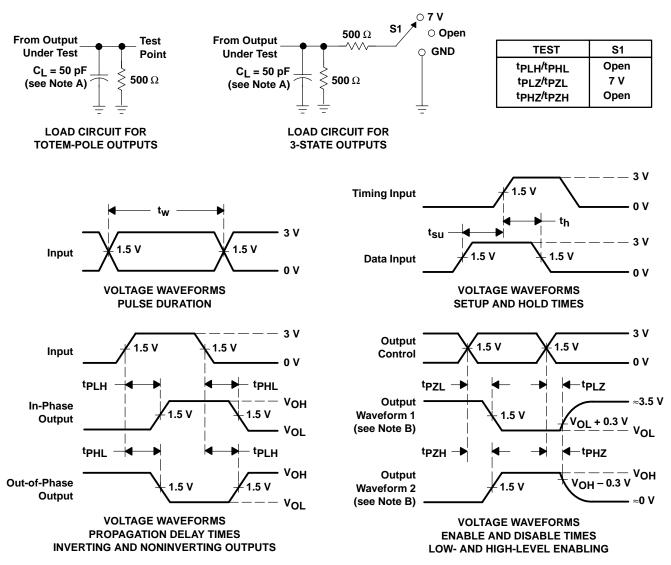
PARAMETER	FROM	то	CY54FCT	573AT	UNIT
PARAMETER	(INPUT)	(OUTPUT)	MIN	MAX	UNIT
^t PLH	D	0	1.5	5.6	nc
^t PHL	ע	O	1.5	5.6	ns
t _{PLH}	LE	0	2	9.8	20
^t PHL	LE	O	2	9.8	ns
^t PZH	ŌĒ	0	1.5	7.5	20
t _{PZL}	OE .	O	1.5	7.5	ns
^t PHZ	ŌĒ	0	1.5	6.5	ns
t _{PLZ}	OE .	J	1.5	6.5	113

switching characteristics over operating free-air temperature range (see Figure 1)

PARAMETER	FROM	то	CY74FC	T573T	CY74FC1	573AT	CY74FC1	T573CT	UNIT
PARAMETER	(INPUT)	(OUTPUT)	MIN	MAX	MIN	MAX	MIN	MAX	UNIT
^t PLH	D	0	1.5	8	1.5	5.2	1.5	4.7	ne
t _{PHL}	Ь	O	1.5	8	1.5	5.2	1.5	4.7	ns
^t PLH	LE	0	2	13	2	8.5	2	5.5	
t _{PHL}	LC		2	13	2	8.5	2	5.5	ns
^t PZH	ŌĒ	0	1.5	12	1.5	6.5	1.5	5.5	
^t PZL	OE	U	1.5	12	1.5	6.5	1.5	5.5	ns
^t PHZ	ŌĒ		1.5	7.5	1.5	5.5	1.5	5	no
t _{PLZ}	J OE	0	1.5	7.5	1.5	5.5	1.5	5	ns

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PARAMETER MEASUREMENT INFORMATION



NOTES: A. C_L includes probe and jig capacitance.

- B. Waveform 1 is for an output with internal conditions such that the output is low except when disabled by the output control. Waveform 2 is for an output with internal conditions such that the output is high except when disabled by the output control.
- C. The outputs are measured one at a time with one input transition per measurement.

Figure 1. Load Circuit and Voltage Waveforms



PACKAGE OPTION ADDENDUM

www.ti.com 15-Oct-2009

PACKAGING INFORMATION

Orderable Device	Status ⁽¹⁾	Package Type	Package Drawing	Pins	Package Qty	Eco Plan ⁽²⁾	Lead/Ball Finish	MSL Peak Temp (3)
5962-9223801MRA	ACTIVE	CDIP	J	20	1	TBD	A42	N / A for Pkg Type
5962-9223802M2A	ACTIVE	LCCC	FK	20	1	TBD	POST-PLATE	N / A for Pkg Type
CY54FCT573ATLMB	ACTIVE	LCCC	FK	20	1	TBD	POST-PLATE	N / A for Pkg Type
CY74FCT573ATPC	ACTIVE	PDIP	N	20	20	Pb-Free (RoHS)	CU NIPDAU	N / A for Pkg Type
CY74FCT573ATPCE4	ACTIVE	PDIP	N	20	20	Pb-Free (RoHS)	CU NIPDAU	N / A for Pkg Type
CY74FCT573ATQCT	ACTIVE	SSOP/ QSOP	DBQ	20	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-2-260C-1 YEAR
CY74FCT573ATQCTE4	ACTIVE	SSOP/ QSOP	DBQ	20	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-2-260C-1 YEAR
CY74FCT573ATQCTG4	ACTIVE	SSOP/ QSOP	DBQ	20	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-2-260C-1 YEAR
CY74FCT573ATSOC	ACTIVE	SOIC	DW	20	25	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573ATSOCE4	ACTIVE	SOIC	DW	20	25	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573ATSOCG4	ACTIVE	SOIC	DW	20	25	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573ATSOCT	ACTIVE	SOIC	DW	20	2000	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573ATSOCTE4	ACTIVE	SOIC	DW	20	2000	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573ATSOCTG4	ACTIVE	SOIC	DW	20	2000	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573CTQCT	ACTIVE	SSOP/ QSOP	DBQ	20	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-2-260C-1 YEAR
CY74FCT573CTQCTE4	ACTIVE	SSOP/ QSOP	DBQ	20	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-2-260C-1 YEAR
CY74FCT573CTQCTG4	ACTIVE	SSOP/ QSOP	DBQ	20	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-2-260C-1 YEAR
CY74FCT573CTSOC	ACTIVE	SOIC	DW	20	25	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573CTSOCG4	ACTIVE	SOIC	DW	20	25	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573CTSOCT	ACTIVE	SOIC	DW	20	2000	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573CTSOCTE4	ACTIVE	SOIC	DW	20	2000	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573CTSOCTG4	ACTIVE	SOIC	DW	20	2000	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573TQCT	ACTIVE	SSOP/ QSOP	DBQ	20	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-2-260C-1 YEAR
CY74FCT573TQCTE4	ACTIVE	SSOP/ QSOP	DBQ	20	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-2-260C-1 YEAR
CY74FCT573TQCTG4	ACTIVE	SSOP/ QSOP	DBQ	20	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-2-260C-1 YEAR
CY74FCT573TSOC	ACTIVE	SOIC	DW	20	25	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM



PACKAGE OPTION ADDENDUM

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Orderable Device	Status ⁽¹⁾	Package Type	Package Drawing	Pins	Package Qty	Eco Plan ⁽²⁾	Lead/Ball Finish	MSL Peak Temp (3)
CY74FCT573TSOCE4	ACTIVE	SOIC	DW	20	25	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573TSOCG4	ACTIVE	SOIC	DW	20	25	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573TSOCT	ACTIVE	SOIC	DW	20	2000	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573TSOCTE4	ACTIVE	SOIC	DW	20	2000	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
CY74FCT573TSOCTG4	ACTIVE	SOIC	DW	20	2000	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM

⁽¹⁾ The marketing status values are defined as follows:

ACTIVE: Product device recommended for new designs.

LIFEBUY: TI has announced that the device will be discontinued, and a lifetime-buy period is in effect.

NRND: Not recommended for new designs. Device is in production to support existing customers, but TI does not recommend using this part in a new design.

PREVIEW: Device has been announced but is not in production. Samples may or may not be available.

OBSOLETE: TI has discontinued the production of the device.

(2) Eco Plan - The planned eco-friendly classification: Pb-Free (RoHS), Pb-Free (RoHS Exempt), or Green (RoHS & no Sb/Br) - please check http://www.ti.com/productcontent for the latest availability information and additional product content details.

TBD: The Pb-Free/Green conversion plan has not been defined.

Pb-Free (RoHS): TI's terms "Lead-Free" or "Pb-Free" mean semiconductor products that are compatible with the current RoHS requirements for all 6 substances, including the requirement that lead not exceed 0.1% by weight in homogeneous materials. Where designed to be soldered at high temperatures, TI Pb-Free products are suitable for use in specified lead-free processes.

Pb-Free (RoHS Exempt): This component has a RoHS exemption for either 1) lead-based flip-chip solder bumps used between the die and package, or 2) lead-based die adhesive used between the die and leadframe. The component is otherwise considered Pb-Free (RoHS compatible) as defined above.

Green (RoHS & no Sb/Br): TI defines "Green" to mean Pb-Free (RoHS compatible), and free of Bromine (Br) and Antimony (Sb) based flame retardants (Br or Sb do not exceed 0.1% by weight in homogeneous material)

(3) MSL, Peak Temp. -- The Moisture Sensitivity Level rating according to the JEDEC industry standard classifications, and peak solder temperature.

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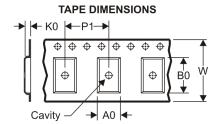




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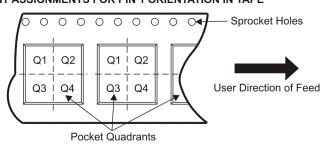
TAPE AND REEL INFORMATION





	Dimension designed to accommodate the component width
B0	Dimension designed to accommodate the component length
	Dimension designed to accommodate the component thickness
W	Overall width of the carrier tape
P1	Pitch between successive cavity centers

QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE



*All dimensions are nominal

All differsions are nonlinal												
Device	Package Type	Package Drawing		SPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
CY74FCT573ATQCT	SSOP/ QSOP	DBQ	20	2500	330.0	16.4	6.5	9.0	2.1	8.0	16.0	Q1
CY74FCT573ATSOCT	SOIC	DW	20	2000	330.0	24.4	10.8	13.0	2.7	12.0	24.0	Q1
CY74FCT573CTQCT	SSOP/ QSOP	DBQ	20	2500	330.0	16.4	6.5	9.0	2.1	8.0	16.0	Q1
CY74FCT573CTSOCT	SOIC	DW	20	2000	330.0	24.4	10.8	13.0	2.7	12.0	24.0	Q1
CY74FCT573TQCT	SSOP/ QSOP	DBQ	20	2500	330.0	16.4	6.5	9.0	2.1	8.0	16.0	Q1
CY74FCT573TSOCT	SOIC	DW	20	2000	330.0	24.4	10.8	13.0	2.7	12.0	24.0	Q1

PACKAGE MATERIALS INFORMATION

11-Mar-2008



*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
CY74FCT573ATQCT	SSOP/QSOP	DBQ	20	2500	346.0	346.0	33.0
CY74FCT573ATSOCT	SOIC	DW	20	2000	346.0	346.0	41.0
CY74FCT573CTQCT	SSOP/QSOP	DBQ	20	2500	346.0	346.0	33.0
CY74FCT573CTSOCT	SOIC	DW	20	2000	346.0	346.0	41.0
CY74FCT573TQCT	SSOP/QSOP	DBQ	20	2500	346.0	346.0	33.0
CY74FCT573TSOCT	SOIC	DW	20	2000	346.0	346.0	41.0

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