



Semiconductor & Storage Products Asia-Pacific

TC7WZ74FK

L-MOS SHS series (TC74LCX-equivalent)

Description Properties Document Inquiries our product


TC7WZ74FK Data sheet
(Japanese/PDF:288KB)

TC7WZ74FK Data sheet
(English/PDF:158KB)

Purchase and Sample

Global Sales

Stock Check & Purchase

example		MOQ(pcs)	Reliability Information	RoHS
Orderable part number	Assembly bases			
TC7WZ74FK,LJ(CT)	Thailand	3000		yes

Description

Function	Single D-Type Flip-Flop with Preset and Clear		
Function1	Flip-Flop		
Function2	D-Type Flip-Flop		
Number of Circuits	1		
Protection Functions	Input overvoltage tolerance / Output power-down protection		
AEC-Q100	Conform(*)	*: For detail information, please contact to our sales.	
RoHS Compatible Product(s) (#)	Available		
Assembly bases	Japan / Thailand		

Properties

Package Information

Package Image	
Toshiba Package Name	US8
JEDEC	MO-187-CA
Package Code	SOT-765
Pins	8

Electrical Characteristics





Characteristics	Symbol	Condition	Value	Unit
Output current (Min)	I _O	V _{CC} =3V	24	mA
Output current (Min)	I _O	V _{CC} =4.5V	32	mA
Propagation delay time (Typ.)	tpd_tpz	V _{CC} =3V	3.3	nsec
Propagation delay time (Typ.)	tpd_tpz	V _{CC} =4.5V	2.4	nsec
Propagation delay time (Max)	tpd_tpz	V _{CC} =3V	4.8	nsec

Mounting	Surface Mount
Width×Length×Height (mm)	2.0×3.1×0.7
Package Dimensions	View
Land pattern dimensions	View

Propagation delay time (Max)	tpd_tpz	V _{CC} =4.5V	3.5	nsec
Supply Voltage (Min)	V _{CC}	-	1.65	V
Supply Voltage (Max)	V _{CC}	-	5.5	V

Please refer to the link destination to check the detailed size.

Document

Reliability Information	Reliability Data[Sep,2016]	 (PDF: 160KB)
Environment Information	Certificate Regarding EU RoHS(2011/65/EU)Controlled Substances[Jan,2017] UPDATED	 (PDF: 52KB)
Environment Information	Certificate on Content of SVHC of REACH[Jan,2017] UPDATED	 (PDF: 43KB)
Catalog	General-Purpose Logic ICs[Nov,2012]	 (PDF: 3201KB)

Inquiries on our product

[Contact Us](#)

For product delivery, additional characters will be added to the part numbers shown on this website. For details, please ask your local distributor, or send an inquiry accessed from "Contact Us" on this website.

Notes

The Part Number column shows representative part numbers only, which may not be available for sale in the precise form shown. Each Part Number constitutes a product family which may contain multiple associated product configurations. (#) Under the RoHS Compatible Product(s) column, "Available" means at least one RoHS-Compatible product is available for sale in the corresponding product family. "None" means no RoHS Compatible product is available in that product family. For Toshiba's definitions of concepts related to the RoHS Directive and RoHS Compatibility, please click [here](#).

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·Before creating and producing designs and using, customers must also refer to and comply with the latest versions of all relevant TOSHIBA information and the instructions for the application that Product will be used with or for.

