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Logic ICs

- ▶ Bus Switches
 - ▶ USB Switch / PCI Express Switch
- ▶ Dual-Supply Bidirectional Level Shifters
- ▶ CMOS Logic ICs
- ▶ One-Gate Logic (L-MOS)

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TC7USB40MU

USB switch

- Description
- Properties
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DATA SHEET

[Download Japanese version \(PDF:356KB\)](#)

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Purchase and Sample

▶ Global Sales

Stock Check & Purchase

example		MOQ(pcs)	Reliability Information	RoHS
Orderable part number	Assembly bases			
TC7USB40MU,LF(S)	Thailand	3000		yes

Description

Function	Dual SPDT USB switch
Configuration (switch type)	SPDT
Number of Circuits	2
RoHS Compatible Product(s) (#)	Available
Assembly bases	Thailand

Properties

Package Information

Package Image	
Toshiba Package Name	UQFN10
Pins	10
Mounting	Surface Mount

Absolute Maximum Ratings

Characteristics	Symbol	Rating	Unit
Power Dissipation	P _D	200	mW

Electrical Characteristics

Characteristics	Symbol	Condition	Value	Unit
Switch terminal ON capacitance (Typ.)	C _{ON}	-	5	pF
ON-resistance (Typ.)	R _{ON}	-	4.5	Ω
Supply Voltage (Max)	V _{CC}	-	4.3	V
Supply Voltage (Min)	V _{CC}	-	2.3	V

Document

- Reliability Information** [Reliability Data\[Dec,2013\]](#) (PDF: 160KB)
- Environment Information** [Certificate Regarding EU RoHS\(2011/65/EU\)Controlled Substances\[Nov,2016\] UPDATED](#) (PDF: 52KB)
- Environment Information** [Certificate on Content of SVHC of REACH\[Nov,2016\] UPDATED](#) (PDF: 43KB)
- Catalog** [General-Purpose Logic ICs\[Nov,2012\]](#) (PDF: 3201KB)

Related Links


- ▶ [Frequently Asked Questions](#)

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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