



### 74AC273MTCX Information



For Reference Only

Part Number 74AC273MTCX

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Flip Flops

**Description** IC D-TYPE POS TRG SNGL 20TSSOP **Package** 20-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## 74AC273MTCX Specifications

Manufacturer Part Number         74AC273MTCX           Manufacturer         Fairchild/ON Semiconductor           Category         Integrated Circuits (ICs)           Logic - Flip Flops         Logic - Flip Flops           Package         20-TSSOP (0.173", 4.40mm Width)           Series         74AC           Function         Master Reset           Type         D-Type           Output Type         Non-Inverted           Number of Elements         1           Number of Bits per Element         8           Clock Frequency         175MHz           Max Propagation Delay @ V, Max CL         10ns @ 5V, 50pF           Trigger Type         Positive Edge           Current - Output High, Low         24mA, 24mA           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Iq)         40μA           Input Capacitance         4.5pF           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         20-TSSOP (0.173", 4.40mm Width)	•	
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Series74ACFunctionMaster ResetTypeD-TypeOutput TypeNon-InvertedNumber of Elements1Number of Bits per Element8Clock Frequency175MHzMax Propagation Delay @ V, Max CL10ns @ 5V, 50pFTrigger TypePositive EdgeCurrent - Output High, Low24mA, 24mAVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)40μAInput Capacitance4.5pFOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)		Logic - Flip Flops
Function Master Reset  Type D-Type  Output Type Non-Inverted  Number of Elements 1  Number of Bits per Element 8  Clock Frequency 175MHz  Max Propagation Delay @ V, Max CL 10ns @ 5V, 50pF  Trigger Type Positive Edge  Current - Output High, Low 24mA, 24mA  Voltage - Supply 2 V ~ 6 V  Current - Quiescent (Iq) 40 $\mu$ A  Input Capacitance 4.5pF  Operating Temperature 4.0° C ~ 85° C (TA)  Mounting Type Surface Mount  Package / Case 20-TSSOP (0.173", 4.40mm Width)	Package	20-TSSOP (0.173", 4.40mm Width)
TypeD-TypeOutput TypeNon-InvertedNumber of Elements1Number of Bits per Element8Clock Frequency175MHzMax Propagation Delay @ V, Max CL10ns @ 5V, 50pFTrigger TypePositive EdgeCurrent - Output High, Low24mA, 24mAVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)40μAInput Capacitance4.5pFOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)	Series	74AC
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Number of Elements         1           Number of Bits per Element         8           Clock Frequency         175MHz           Max Propagation Delay @ V, Max CL         10ns @ 5V, 50pF           Trigger Type         Positive Edge           Current - Output High, Low         24mA, 24mA           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Iq)         40μA           Input Capacitance         4.5pF           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         20-TSSOP (0.173", 4.40mm Width)	Type	D-Type
Number of Bits per Element8Clock Frequency175MHzMax Propagation Delay @ V, Max CL10ns @ 5V, 50pFTrigger TypePositive EdgeCurrent - Output High, Low24mA, 24mAVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)40μAInput Capacitance4.5pFOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)	Output Type	Non-Inverted
Clock Frequency  Max Propagation Delay @ V, Max CL  Trigger Type  Positive Edge  Current - Output High, Low  24mA, 24mA  Voltage - Supply  2 V ~ 6 V  Current - Quiescent (Iq)  Input Capacitance  4.5pF  Operating Temperature  4.0°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  175MHz  10ns @ 5V, 50pF  Positive Edge  24mA, 24mA  24mA  24mA  24mA  25mA  26mA  20-TSSOP (0.173", 4.40mm Width)	Number of Elements	1
Max Propagation Delay @ V, Max CL $10ns @ 5V, 50pF$ Trigger TypePositive EdgeCurrent - Output High, Low $24mA, 24mA$ Voltage - Supply $2 V \sim 6 V$ Current - Quiescent (Iq) $40\mu A$ Input Capacitance $4.5pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface MountPackage / Case $20$ -TSSOP ( $0.173$ ", $4.40mm$ Width)	Number of Bits per Element	8
Trigger Type Positive Edge Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Iq) $40\mu\text{A}$ Input Capacitance $4.5\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type Surface Mount Package / Case $20\text{-TSSOP}$ (0.173", $4.40\text{mm}$ Width)	Clock Frequency	175MHz
Current - Output High, Low $24mA, 24mA$ $Voltage - Supply \\ 2 V \sim 6 V$ $Current - Quiescent (Iq) \\ 40\mu A$ $Input Capacitance \\ 4.5pF$ $Operating Temperature \\ 40^{\circ}C \sim 85^{\circ}C (TA)$ $Mounting Type \\ Surface Mount \\ Package / Case \\ 20-TSSOP (0.173", 4.40mm Width)$	Max Propagation Delay @ V, Max CL	10ns @ 5V, 50pF
$\begin{tabular}{ll} Voltage - Supply & 2 \ V \sim 6 \ V \\ Current - Quiescent (Iq) & 40 \mu A \\ Input Capacitance & 4.5 pF \\ Operating Temperature & -40 ^{\circ}C \sim 85 ^{\circ}C \ (TA) \\ Mounting Type & Surface Mount \\ Package / Case & 20-TSSOP \ (0.173", 4.40mm \ Width) \\ \end{tabular}$	Trigger Type	Positive Edge
Current - Quiescent (Iq) $40\mu A$ Input Capacitance $4.5pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA) Mounting Type Surface Mount Package / Case $20$ -TSSOP $(0.173^{\circ}, 4.40 \text{mm Width})$	Current - Output High, Low	24mA, 24mA
Input Capacitance 4.5pF  Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)  Mounting Type Surface Mount  Package / Case 20-TSSOP (0.173", 4.40mm Width)	Voltage - Supply	2 V ~ 6 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)  Mounting Type Surface Mount  Package / Case 20-TSSOP (0.173", 4.40mm Width)	Current - Quiescent (Iq)	40μΑ
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Package / Case 20-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
	Mounting Type	Surface Mount
Donout among 9	Package / Case	20-TSSOP (0.173", 4.40mm Width)
Report errors?		Report errors?

#### 74AC273MTCX Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### 74AC273MTCX Payment Methods





















### 74AC273MTCX Shipping Methods













If you have any question about 74AC273MTCX, please do not hesitate to contact us!

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