## M74HC377B1R Details PDF





M74HC377B1R

Part Number:
Manufacturer/Brand:
Product description
Datasheets:
RoHs Status
Ship From
Shipment Way

M74HC377B1R STMicroelectronics IC FF D-TYPE SNGL 8BIT 20DIP M74HC377B1R.pdf Lead free / RoHS Compliant Hong Kong

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## **REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

PART NUMBERM74HC377B1RMANUFACTURERSTMicroelectronicsDESCRIPTIONIC FF D-TYPE SNGL 8BIT 20DIPLEAD FREE STATUS / ROHS STATUSLead free / RoHS CompliantDATA SHEET🖬 M74HC377B1R.pdfVOLTAGE - SUPPLY2 V ~ 6 VTYPED-TypeTRIGGER TYPEPositive EdgeSERIES74HCPACKAGINGTubeOUTPUT TYPE0.0300', 7.62mm)OUTPUT TYPENon-InvertedOUTPUT TYPE55°C ~ 125°C (TA)NUMBER OF ELEMENTS1NUMBER OF BITS PER ELEMENT8MOUNTING TYPEThrough HoleMOUNTING TYPE1 (Unlimited)MAX PROPAGATION DELAY @ V, MAX CL24ms @ 6V, 50pFLEAD FREE STATUS / ROHS STATUSLead free / ROHS CompliantINPUT CAPACITANCE5pFFUNCTIONStandardCURRENT - QUIESCENT (IQ)4µA		Specifications of M74HC377B1R
MANUFACTURERSTMicroelectronicsDESCRIPTIONIC FF D-TYPE SNGL 8BIT 20DIPLEAD FREE STATUS / ROHS STATUSLead free / RoHS CompliantDATA SHEETIm M74HC377B1R.pdfVOLTAGE - SUPPLY2 V ~ 6 VTYPED-TypeTRIGGER TYPEPositive EdgeSERIES74HCPACKAGINGTubePACKAGE / CASE20-DIP (0.300", 7.62mm)OUTPUT TYPENon-InvertedOTHER NAMES497-1831-5OPERATING TEMPERATURE-S5°C ~ 125°C (TA)NUMBER OF BITS PER ELEMENT8MOUNTING TYPEThrough HoleMOUNTING TYPE1 (Unlimited)MAX PROPAGATION DELAY @ V, MAX CL24ns @ 6V, 50pFLEAD FREE STATUS / ROHS STATUSLead free / ROHS CompliantINPUT CAPACITANCESpFFUNCTIONStandard		
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TRIGGER TYPEPositive EdgeSERIES74HCPACKAGINGTubePACKAGE / CASE0-DIP(0.300", 7.62mm)OUTPUT TYPENon-InvertedOTHER NAMES497-1831-5OPERATING TEMPERATURE45°C ~ 125°C (TA)NUMBER OF ELEMENTS1NUMBER OF ELEMENTS1MOUNTING TYPE1/UnimitedMOUNTING TYPE240s (A) (S) (S) (S) (S) (S) (S) (S) (S) (S) (S	VOLTAGE - SUPPLY	2 V ~ 6 V
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PACKAGINGTubePACKAGE / CASE00-DIP (0.300", 7.62mm)PACKAGE / CASENon-InvertedOUTPUT TYPENon-InvertedOTHER NAMES497-1831-5OPERATING TEMPERATURE55°C ~ 125°C (TA)NUMBER OF ELEMENTS1NUMBER OF BITS PER ELEMENT8MOUNTING TYPE101011101MAX PROPAGATION DELAY @ V, MAX CL101011102IAD FREE STATUS / ROHS STATUS2405 @ 10101101INPUT CAPACITANCE5FINPUT CAPACITANCE5N	TRIGGER TYPE	Positive Edge
PACKAGE / CASE   20-DIP (0.300", 7.62mm)     OUTPUT TYPE   Non-Inverted     OTHER NAMES   497-1831-5     OPERATING TEMPERATURE   5°C ~ 125°C (TA)     NUMBER OF ELEMENTS   1     NUMBER OF BITS PER ELEMENT   8     MOUNTING TYPE   1/Unimited     MOUNTING TYPE   1/Unimited     MAX PROPAGATION DELAY @ V, MAX CL   2/418 @ 0.50PF     IAD FREE STATUS / ROHS STATUS   Ead free / ROHS Compliant     INPUT CAPACITANCE   5PF     INPUT CAPACITANCE   Stanada	SERIES	74HC
OUTPUT TYPENon-InvertedOTHER NAMES97-1831-5OPERATING TEMPERATURE-55°C ~ 125°C (TA)NUMBER OF ELEMENTS1NUMBER OF BITS PER ELEMENT8MOUNTING TYPE1101111010000000000000000000000000000	PACKAGING	Tube
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MAX PROPAGATION DELAY @ V, MAX CL   24ns @ 6V, 50pF     LEAD FREE STATUS / ROHS STATUS   Lead free / RoHS Compliant     INPUT CAPACITANCE   5pF     FUNCTION   Standard	MOUNTING TYPE	Through Hole
LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant   INPUT CAPACITANCE SpF   FUNCTION Standard	MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
INPUT CAPACITANCE 5pF   FUNCTION Standard	MAX PROPAGATION DELAY @ V, MAX CL	24ns @ 6V, 50pF
FUNCTION Standard	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
	INPUT CAPACITANCE	5pF
CURRENT - QUIESCENT (IQ) 4µA	FUNCTION	Standard
	CURRENT - QUIESCENT (IQ)	4µA
CURRENT - OUTPUT HIGH, LOW 5.2mA, 5.2mA	CURRENT - OUTPUT HIGH, LOW	5.2mA, 5.2mA
CLOCK FREQUENCY 66MHz	CLOCK FREQUENCY	66MHz
BASE PART NUMBER 74HC377	BASE PART NUMBER	74HC377

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