

CD40175BCN

CD40175BCN Information



Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



CD40175BCN Specifications

Manufacturer Part NumberCD40175BCNManufacturerFairchild/ON SemiconductorCategoryInegrated Circuits (ICs)CategoryLogic - Flip FlopsPackage16-DIP (0.300", 7.62mm)Series4000BFunctionMaster ResetTypeD'TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element4Clock FrequencyJons @ 15V, 50pFTrigger TypeSama, 8.8mAVoltage - SupplySama, 8.8mAVoltage - SupplyJup FOutput Capacitance4µAInput Capacitance10pFOperating Temperature55°C ~ 125°C (TA)Mouning TypeInough Ide		
CategoryIntegrated Circuits (ICs)CategoryLogic - Flip FlopsPackage16-DIP (0.300", 7.62mm)Series4000BFunctionMaster ResetTypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element4Clock Frequency90ns @ 15V, 50pFTrigger TypeSonike EdgeCurrent - Output High, Low3V ~ 15 VVoltage - Supply3V ~ 15 VCurrent - Quiescent (Iq)JopFIput Capacitance10pFOperating TypeSonike CategoCurrent - Quiescent (Iq)JopFAuge / CategoSite CategoAuge / CategoJopFAuge / CategoJopFAuge / CategoJopFAuge / CaseJop All All All All All All All All All Al	Manufacturer Part Number	CD40175BCN
IdeationLogic - Flip FlopsPackage16-DIP (0.300", 7.62mm)Series4000BFunctionMaster ResetTypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element4Clock Frequency12MHzMax Propagation Delay @ V, Max CL90ns @ 15V, 50pFTrigger TypePositive EdgeCurrent - Output High, Low8.8mA, 8.8mAVoltage - Supply3 V ~ 15 VCurrent quiescent (Iq)10pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeInrough HolePackage / Case16-DIP (0.300", 7.62mm)	Manufacturer	Fairchild/ON Semiconductor
Package16-DIP (0.300", 7.62mm)Series4000BFunctionMaster ResetTypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element4Clock Frequency12MHzMax Propagation Delay @V, Max CL90ns @ 15V, 50pFTrigger TypeSamA, 8.8mAOutput Age, Supply3 V ~ 15 VCurrent - Quiescent (Iq)4µAInput Capacitance10pFOperating Temperature55° C ~ 125°C (TA)Mounting TypeInough HolePackage / Case16-DIP (0.300", 7.62mm)	Category	Integrated Circuits (ICs)
Series4000BFunctionMaster ResetTypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element4Clock Frequency12MHzMax Propagation Delay @ V, Max CL90ns @ 15V, 50pFTrigger Type90ns @ 15V, 50pFCurrent - Output High, Low8.8mA, 8.8mAVoltage - Supply3 V ~ 15 VCurrent - Quiescent (Iq)JupFOperating Temperature-55°C ~ 125°C (TA)Mounting Type16-DIP (0.300", 7.62mm)		Logic - Flip Flops
FunctionMaster ResetTypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element4Clock Frequency12MHzMax Propagation Delay @ V, Max CL90ns @ 15V, 50pFTrigger TypeSamA, 8.8mACurrent - Output High, Low3 V ~ 15 VVoltage - SupplyJupCurrent - Quiescent (Iq)JupApplications10pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeGoson", 7.62mm)	Package	16-DIP (0.300", 7.62mm)
TypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element4Clock Frequency12MHzMax Propagation Delay @ V, Max CL90ns @ 15V, 50pFTrigger TypePositive EdgeCurrent - Output High, Low8.8mA, 8.8mAVoltage - Supply3 V ~ 15 VCurrent - Quiescent (Iq)HupInput Capacitance10pFOperating Temperature-55°C ~ 125°C (TA)Mounting Type16-DIP (0.300", 7.62mm)	Series	4000B
Output TypeDifferentialNumber of Elements1Number of Bits per Element4Clock Frequency12MHzMax Propagation Delay @ V, Max CL90ns @ 15V, 50pFTrigger TypePositive EdgeCurrent - Output High, Low8.8mA, 8.8mAVoltage - Supply3 V ~ 15 VCurrent - Quiescent (Iq)4µAInput Capacitance10pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)	Function	Master Reset
Number of Elements1Number of Bits per Element4Clock Frequency12MHzMax Propagation Delay @ V, Max CL90ns @ 15V, 50pFTrigger TypePositive EdgeCurrent - Output High, Low8.8mA, 8.8mAVoltage - Supply3 V ~ 15 VCurrent - Quiescent (Iq)4µAInput Capacitance10pFOperating Temperature-55°C ~ 125°C (TA)Mounting Type16-DIP (0.300", 7.62mm)	Туре	D-Type
Number of Bits per Element4Number of Bits per Element12MHzClock Frequency12MHzMax Propagation Delay @ V, Max CL90ns @ 15V, 50pFTrigger TypePositive EdgeCurrent - Output High, Low8.8mA, 8.8mAVoltage - Supply3 V ~ 15 VCurrent - Quiescent (Iq)4µAInput Capacitance10pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)	Output Type	Differential
Clock Frequency12MHzMax Propagation Delay @ V, Max CL90ns @ 15V, 50pFTrigger TypePositive EdgeCurrent - Output High, Low8.8mA, 8.8mAVoltage - Supply3 V ~ 15 VCurrent - Quiescent (Iq)4µAInput Capacitance10pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)	Number of Elements	1
Max Propagation Delay @ V, Max CL90ns @ 15V, 50pFTrigger TypePositive EdgeCurrent - Output High, Low8.8mA, 8.8mAVoltage - Supply3 V ~ 15 VCurrent - Quiescent (Iq)4µAInput Capacitance10pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)	Number of Bits per Element	4
Trigger TypePositive EdgeCurrent - Output High, Low8.8mA, 8.8mAVoltage - Supply3 V ~ 15 VCurrent - Quiescent (Iq)4μAInput Capacitance10pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)	Clock Frequency	12MHz
Current - Output High, Low8.8mA, 8.8mAVoltage - Supply3 V ~ 15 VCurrent - Quiescent (Iq)4μAInput Capacitance10pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)	Max Propagation Delay @ V, Max CL	90ns @ 15V, 50pF
Voltage - Supply3 V ~ 15 VCurrent - Quiescent (Iq)4μAInput Capacitance10pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)	Trigger Type	Positive Edge
Current - Quiescent (Iq)4μAInput Capacitance10pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)	Current - Output High, Low	8.8mA, 8.8mA
Input Capacitance10pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)	Voltage - Supply	3 V ~ 15 V
Operating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)	Current - Quiescent (Iq)	4μΑ
Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)	Input Capacitance	10pF
Package / Case 16-DIP (0.300", 7.62mm)	Operating Temperature	-55°C ~ 125°C (TA)
	Mounting Type	Through Hole
	Package / Case	16-DIP (0.300", 7.62mm)
Report error		Report errors?

CD40175BCN 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

CD40175BCN Payment Methods



CD40175BCN Shipping Methods



If you have any question about CD40175BCN, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com