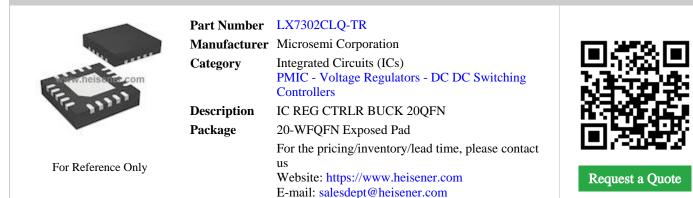


LX7302CLQ-TR

LX7302CLQ-TR 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.



LX7302CLQ-TR Specifications

Manufacturer Microsemi Corporation Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers Package 20-WFQFN Exposed Pad Series - Output Type Transistor Driver Function Step-Down Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 5 V ~ 26 V Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Output Features Output Limit, Enable, On Time Control, Power Good Operating Temperature 0-% SPC (TA)		
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching ControllersPackage20-WFQFN Exposed PadSeries-Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)5 V ~ 26 VFrequency - Switching200kHz ~ 1MHzDuty Cycle (Max)-Synchronous RectifierVolSterial Interfaces-Control FeaturesCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0-% FS°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Manufacturer Part Number	LX7302CLQ-TR
PMIC - Voltage Regulators - DC DC Switching ControllersPackage20-WFQFN Exposed PadSeries-Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)5 V ~ 26 VFrequency - Switching200kHz ~ 1MHzDuty Cycle (Max)-Synchronous RectifierYesClock SyncNoSerial Interfaces-Control Features0°C ~ 85°C (TA)Package / Case20-QFN (3x3)	Manufacturer	Microsemi Corporation
Package20-WFQFN Exposed PadSeries-Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)5 V ~ 26 VFrequency - Switching200kHz ~ 1MHzDuty Cycle (Max)-Synchronous RectifierYesClock SyncCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0°C ~ 85°C (TA)Package / Case20-QFN (3x3)	Category	Integrated Circuits (ICs)
Series-Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)5 V ~ 26 VFrequency - Switching200kHz ~ 1MHzDuty Cycle (Max)-Synchronous RectifierYesClock SyncNoSerial Interfaces-Control Features0°C ~ 85°C (TA)Opplair Device Package20-QFN (3x3)		PMIC - Voltage Regulators - DC DC Switching Controllers
Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)5 V ~ 26 VSynchronous Rectifier200kHz ~ 1MHzSynchronous RectifierNoStrial Interfaces-Output Fackage / Case0°C ~ 85°C (TA)Supplier Device Package20-QFN (3x3)	Package	20-WFQFN Exposed Pad
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)5 V ~ 26 VFrequency - Switching200kHz ~ 1MHzDuty Cycle (Max)-Synchronous RectifierYesClock SyncNoSerial Interfaces-Output Frequency - SwitchingCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0°C ~ 85°C (TA)Package / Case20-QFN (3x3)	Series	-
Output ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)5 V ~ 26 VFrequency - Switching200kHz ~ 1MHzDuty Cycle (Max)-Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0°C ~ 85°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Output Type	Transistor Driver
TopologyBuckNumber of Outputs1Output Phases1Output Phases5 V ~ 26 VVoltage - Supply (Vcc/Vdd)5 V ~ 26 VPrequency - Switching200kHz ~ 1MHzDuty Cycle (Max)-Synchronous RectifierYesClock SyncNoSerial Interfaces-Control Features0°C ~ 85°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Function	Step-Down
Number of Outputs1Output Phases1Output Phases1Voltage - Supply (Vcc/Vdd)5 V ~ 26 VFrequency - Switching200kHz ~ 1MHzDuty Cycle (Max)-Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0°C ~ 85°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Output Configuration	Positive
Output Phases1Output Phases5 V ~ 26 VVoltage - Supply (Vcc/Vdd)5 V ~ 26 VFrequency - Switching200kHz ~ 1MHzDuty Cycle (Max)-Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0°C ~ 85°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Topology	Buck
Voltage - Supply (Vcc/Vdd)5 V ~ 26 VFrequency - Switching200kHz ~ 1MHzDuty Cycle (Max)-Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0°C ~ 85°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Number of Outputs	1
Frequency - Switching200kHz ~ 1MHzDuty Cycle (Max)-Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0°C ~ 85°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Output Phases	1
Duty Cycle (Max)-Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0°C ~ 85°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Voltage - Supply (Vcc/Vdd)	5 V ~ 26 V
Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0°C ~ 85°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Frequency - Switching	200kHz ~ 1MHz
Clock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0°C ~ 85°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Duty Cycle (Max)	-
Serial Interfaces-Control FeaturesCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0°C ~ 85°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Synchronous Rectifier	Yes
Control FeaturesCurrent Limit, Enable, On Time Control, Power GoodOperating Temperature0°C ~ 85°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Clock Sync	No
Operating Temperature0°C ~ 85°C (TA)Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Serial Interfaces	-
Package / Case20-WFQFN Exposed PadSupplier Device Package20-QFN (3x3)	Control Features	Current Limit, Enable, On Time Control, Power Good
Supplier Device Package20-QFN (3x3)	Operating Temperature	0°C ~ 85°C (TA)
	Package / Case	20-WFQFN Exposed Pad
Report errors?	Supplier Device Package	20-QFN (3x3)
		Report errors?

LX7302CLQ-TR 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.

LX7302CLQ-TR Payment Methods



LX7302CLQ-TR Shipping Methods



If you have any question about LX7302CLQ-TR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com