

LT1170CQ#PBF

LT1170CQ#PBF Information



For Reference Only

	LT1170CQ#PBF	
Manufacturer	Linear Technology	
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators	
Description	IC REG MULT CONFIG INV ADJ DDPAK	
Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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Certified Quality

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LT1170CQ#PBF Specifications

ManufacturerLinear TenologyManufacturerIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-FunctionStep-Up, Step-Down, Step-Up/Step-DownOutput ConfigurationPositive or NegativeTopologyBuck, Boost, Cuk, Flyback, Forward ConverterOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)3VVoltage - Output (Min/Fixed)1.244VVoltage - Output (Max)65V (Switch)Current - Output5A (Switch)Current - Output5A (Switch)Synchronous RectifierNoOperating Temperature0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BA	_	
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PackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-FunctionStep-Up, Step-Down, Step-Up/Step-DownOutput ConfigurationPositive or NegativeTopologyBuck, Boost, Cuk, Flyback, Forward ConverterOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)3VVoltage - Output (Min/Fixed)1.244VVoltage - Output (Min/Fixed)65V (Switch)Current - Output5A (Switch)Synchronous RectifierNoOperating Temperature0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Category	Integrated Circuits (ICs)
Series-FunctionStep-Up, Step-Down, Step-Up/Step-DownOutput ConfigurationPositive or NegativeTopologyBuck, Boost, Cuk, Flyback, Forward ConverterOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.244VVoltage - Output (Max)65V (Switch)Current - Output5A (Switch)Synchronous Rectifier100kHzSynchronous Rectifier0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / Case5-DDPAK		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-Up, Step-Down, Step-Up/Step-DownOutput ConfigurationPositive or NegativeTopologyBuck, Boost, Cuk, Flyback, Forward ConverterOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Max)40VVoltage - Output (Max)54 (Switch)Voltage - Output (Max)65V (Switch)Current - Output5A (Switch)Frequency - Switching100kHzSynchronous Rectifier0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTo-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Output ConfigurationPositive or NegativeTopologyBuck, Boost, Cuk, Flyback, Forward ConverterOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.244VVoltage - Output (Max)65V (Switch)Current - Output5A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / Case5-DDPAK	Series	-
TopologyBuck, Boost, Cuk, Flyback, Forward ConverterOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.244VVoltage - Output (Max)65V (Switch)Current - Output5A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Function	Step-Up, Step-Down, Step-Up/Step-Down
Output TypeAdjustableNumber of Outputs1Number of Outputs3VVoltage - Input (Min)3VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.244VVoltage - Output (Max)65V (Switch)Current - Output5A (Switch)Current - Output5A (Switch)Frequency - Switching100kHzSynchronous Rectifier0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Output Configuration	Positive or Negative
Number of Outputs1Voltage - Input (Min)3VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.244VVoltage - Output (Max)65V (Switch)Current - Output5A (Switch)Frequency - Switching100kHzSynchronous Rectifier0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Topology	Buck, Boost, Cuk, Flyback, Forward Converter
Voltage - Input (Min)3VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.244VVoltage - Output (Max)65V (Switch)Current - Output5A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Output Type	Adjustable
Voltage - Input (Max)40VVoltage - Output (Min/Fixed)1.244VVoltage - Output (Max)65V (Switch)Current - Output5A (Switch)Current - Output100kHzFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Number of Outputs	1
Voltage - Output (Min/Fixed)1.244VVoltage - Output (Max)65V (Switch)Current - Output5A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Voltage - Input (Min)	3V
Voltage - Output (Max)65V (Switch)Current - Output5A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Voltage - Input (Max)	40V
Current - Output5A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Voltage - Output (Min/Fixed)	1.244V
Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Voltage - Output (Max)	65V (Switch)
Synchronous RectifierNoOperating Temperature0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Current - Output	5A (Switch)
Operating Temperature0°C ~ 100°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Frequency - Switching	100kHz
Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Synchronous Rectifier	No
Package / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Operating Temperature	0°C ~ 100°C (TJ)
Supplier Device Package 5-DDPAK	Mounting Type	Surface Mount
	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Report errors?	Supplier Device Package	5-DDPAK
		Report errors?

LT1170CQ#PBF 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.

LT1170CQ#PBF Payment Methods



LT1170CQ#PBF Shipping Methods



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