

# LT1076CT-5#06PBF

#### LT1076CT-5#06PBF Information



For Reference Only

Part Number	LT1076CT-5#06PBF	
Manufacturer	Linear Technology	
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators	
Description	IC REG MULT CONFIG INV 5V TO220	
Package	TO-220-5	
	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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# LT1076CT-5#06PBF Specifications

Manufacturer Part Number LT1076CT-5#06PBF   Manufacturer Linear Technology   Category Integrated Circuits (ICs)   PMIC - Voltage Regulators - DCD CS witching Regulators PMIC - Voltage Regulators - DCD CS witching Regulators   Package TO-220-5   Series -   Function Step-Up, Step-Down, Step-Up/Step-Down   Output Configuration Positive or Negative   Youtput Configuration Buck, Boost, Flyback   Output Type Fixed   Number of Outputs 1   Voltage - Input (Min) 8V   Voltage - Output (Max) 4SV   Voltage - Output (Min/Fixed) SV   Voltage - Output (Max) -   Current - Output 2A (Switch)   Frequency - Switching 100kHz   Synchronous Rectifier No   Operating Temperature 0°C ~ 70°C (TA)   Mounting Type Through Hole   Package (Case TO-220-5 Flow 6		
CategoryIntegrated Circuits (ICS)PackageTO-220-5Series-FunctionStep-Up, Step-Down, Step-Up/Step-DownOutput ConfigurationPositive or NegativeTopologyBuck, Boost, FlybackOutput TypeFixedNumber of Outputs1Voltage - Input (Min)8VVoltage - Output (Min/Fixed)5VVoltage - Output (Min/Fixed)5VVoltage - Output (Min/Fixed)5VVoltage - Output (Min/Fixed)6VVoltage - Output (Min/Fixed)70Output - Output2A (Switch)Synchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5 Flow 6Synchrone PackageTO-220-5 Flow 6	Manufacturer Part Number	LT1076CT-5#06PBF
PackagePMIC - Voltage Regulators - DC DC Switching RegulatorsPackageTO-220-5Series-FunctionStep-Up, Step-Down, Step-Up/Step-DownOutput ConfigurationPositive or NegativeTopologyBuck, Boost, FlybackOutput TypeFixedNumber of Outputs1Voltage - Input (Min)8VVoltage - Output (Min/Fixed)5VVoltage - Output (Min/Fixed)5VVoltage - Output (Min/Fixed)2A (Switch)Prequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C - 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5 Flow 6	Manufacturer	Linear Technology
PackageTO-220-5Series-FunctionStep-Up, Step-Down, Step-Up/Step-DownOutput ConfigurationPositive or NegativeTopologyBuck, Boost, FlybackOutput TypeFixedNumber of Outputs1Voltage - Input (Min)8VVoltage - Input (Max)45VVoltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5 Flow 6	Category	Integrated Circuits (ICs)
Series-Series-FunctionStep-Up, Step-Down, Step-Up/Step-DownOutput ConfigurationPositive or NegativeTopologyBuck, Boost, FlybackOutput TypeFixedNumber of Outputs1Voltage - Input (Min)8VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Synchronous Rectifier100kHzSynchronous Rectifier0°C ~ 70°C (TA)Output TypeThrough HolePackage / CaseTo-2005 Flow 6		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-Up, Step-Down, Step-Up/Step-DownOutput ConfigurationPositive or NegativeTopologyBuck, Boost, FlybackOutput TypeFixedNumber of Outputs1Voltage - Input (Min)8VVoltage - Input (Max)5VVoltage - Output (Max)-Voltage - Output (Max)-Current - Output2A (Switch)Synchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTo-220-5 Flow 6	Package	TO-220-5
Output ConfigurationPositive or NegativeTopologyBuck, Boost, FlybackOutput TypeFixedNumber of Outputs1Voltage - Input (Min)8VVoltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HoleSupplier Device PackageTO-220-5 Flow 6	Series	-
TopologyBuck, Boost, FlybackOutput TypeFixedNumber of Outputs1Voltage - Input (Min)8VVoltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous Rectifier0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5 Flow 6	Function	Step-Up, Step-Down, Step-Up/Step-Down
Output TypeFixedNumber of Outputs1Voltage - Input (Min)8VVoltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output2A (switch)Frequency - Switching100kHzSynchronous Rectifier0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5 Flow 6	Output Configuration	Positive or Negative
Number of Outputs1Number of Outputs8VVoltage - Input (Man)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5 Flow 6	Topology	Buck, Boost, Flyback
Voltage - Input (Min)8VVoltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5 Flow 6	Output Type	Fixed
Voltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5 Flow 6	Number of Outputs	1
Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5 Flow 6	Voltage - Input (Min)	8V
Voltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5 Flow 6	Voltage - Input (Max)	45V
Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5 Flow 6	Voltage - Output (Min/Fixed)	5V
Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5 Flow 6	Voltage - Output (Max)	-
Synchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5 Flow 6	Current - Output	2A (Switch)
Operating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5 Flow 6	Frequency - Switching	100kHz
Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5 Flow 6	Synchronous Rectifier	No
Package / CaseTO-220-5Supplier Device PackageTO-220-5 Flow 6	Operating Temperature	0°C ~ 70°C (TA)
Supplier Device PackageTO-220-5 Flow 6	Mounting Type	Through Hole
	Package / Case	TO-220-5
Report errors?	Supplier Device Package	TO-220-5 Flow 6
		Report errors?

#### LT1076CT-5#06PBF 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.

### LT1076CT-5#06PBF Payment Methods



## LT1076CT-5#06PBF Shipping Methods



If you have any question about LT1076CT-5#06PBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com