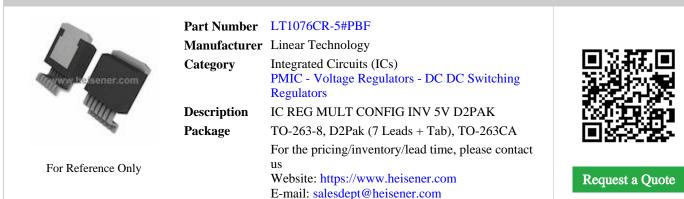


LT1076CR-5#PBF

LT1076CR-5#PBF 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.



LT1076CR-5#PBF Specifications

| ManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackageTO-263-8, D2Pak (7 Leads + Tab), TO-263CASeries-FunctionStep-Up, Step-Down, Step-Up/Step-DownOutput ConfigurationBuck, Boost, FlybackOutput TypeBuck, Boost, FlybackNumber of Outputs1Voltage - Input (Min/SVVoltage - Output (Min/Fixed)SVVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Voltage - Switching100kHzSynchronous RectifierNoOperating TemperatureO'C - 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CA | | |
|---|------------------------------|--|
| CategoryIntegrated Circuis (Cs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackageTO-263-8, D2Pak (7 Leads + Tab), TO-263CASeries-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)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Manufacturer Part Number | LT1076CR-5#PBF |
| PMIC - Voltage Regulators - DC DC Switching RegulatorsPackageTO-263-8, D2Pak (7 Leads + Tab), TO-263CASeries-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)2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Manufacturer | Linear Technology |
| PackageTO-263-8, D2Pak (7 Leads + Tab), TO-263CASeries-FunctionStep-Up, Step-Down, Step-Up/Step-DownOutput ConfigurationPositive or NegativeTopologyBuck, Boost, FlybackOutput TypeFixedNumber of Outputs1Voltage - Input (Min)8VVoltage - Input (Min/Fixed)5VVoltage - Output (Min/Fixed)5VVoltage - Output (Min/Fixed)5VVoltage - Output (Min/Fixed)2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseD2PAK-7 | Category | Integrated Circuits (ICs) |
| Series-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)Synchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseD2PAK-7 | | 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 (Min/Fixed)5VVoltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous Rectifier0vC ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Package | TO-263-8, D2Pak (7 Leads + Tab), TO-263CA |
| Output ConfigurationPositive or NegativeOutput ConfigurationBuck, Boost, FlybackDoutput TypeFixedNumber of Outputs1Voltage - Input (Min)8VVoltage - Input (Max)45VVoltage - Output (Max)5VVoltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | 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 TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Function | Step-Up, Step-Down, Step-Up/Step-Down |
| Output TypeFixedOutput 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 TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Output Configuration | Positive or Negative |
| Number of Outputs1Number of Outputs1Voltage - Input (Min)8VVoltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous Rectifier0°C ~ 70°C (TA)Operating TemperatureSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | 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 TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | 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 TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Number of Outputs | 1 |
| Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Voltage - Input (Min) | 8V |
| Voltage - Output (Max)-Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Voltage - Input (Max) | 45V |
| Current - Output2A (Switch)Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Voltage - Output (Min/Fixed) | 5V |
| Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Voltage - Output (Max) | - |
| NoOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Current - Output | 2A (Switch) |
| Operating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Frequency - Switching | 100kHz |
| Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Synchronous Rectifier | No |
| Package / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7 | Operating Temperature | 0°C ~ 70°C (TA) |
| Supplier Device Package D2PAK-7 | Mounting Type | Surface Mount |
| | Package / Case | TO-263-8, D2Pak (7 Leads + Tab), TO-263CA |
| Report errors? | Supplier Device Package | D2PAK-7 |
| | | Report errors? |

LT1076CR-5#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.

LT1076CR-5#PBF Payment Methods



LT1076CR-5#PBF Shipping Methods



If you have any question about LT1076CR-5#PBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com