



IRU1050CMTR Information



For Reference Only

Part Number IRU1050CMTR

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR POS ADJ 5A TO263

Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA

For the pricing/inventory/lead time, please contact

us

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IRU1050CMTR Specifications

| Manufacturer Part Number IRU1050CMTR Manufacturer Infineon Technologies Category Integrated Circuits (ICs) Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 3.3V Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA | | |
|---|------------------------------|---|
| Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 3.3V Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | Manufacturer Part Number | IRU1050CMTR |
| Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 3.3V Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | Manufacturer | Infineon Technologies |
| Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 3.3V Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 70dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | Category | Integrated Circuits (ICs) |
| Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 3.3V Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | | PMIC - Voltage Regulators - Linear |
| Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)3.3VVoltage Dropout (Max)1.3V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR70dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device PackageTO-263 | Package | TO-263-4, D2Pak (3 Leads + Tab), TO-263AA |
| Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 3.3V Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package | Series | - |
| Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 3.3V Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 70dB (120Hz) Control Features Protection Features Over Current, Over Temperature Operating Temperature Operating Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | Output Configuration | Positive |
| Voltage - Input (Max) Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 3.3V Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package | Output Type | Adjustable |
| Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)3.3VVoltage Dropout (Max)1.3V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR70dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device PackageTO-263 | Number of Regulators | 1 |
| Voltage - Output (Max) Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 70dB (120Hz) Control Features - Protection Features Operating Temperature Operating Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | Voltage - Input (Max) | 7V |
| Voltage Dropout (Max) Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 70dB (120Hz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package | Voltage - Output (Min/Fixed) | 2.5V |
| Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 70dB (120Hz) Control Features - Protection Features Operating Temperature Operating Temperature Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package | Voltage - Output (Max) | 3.3V |
| Current - Quiescent (Iq) Current - Supply (Max) PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | Voltage Dropout (Max) | 1.3V @ 5A |
| Current - Supply (Max) PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | Current - Output | 5A |
| PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | Current - Quiescent (Iq) | - |
| Control Features - Over Current, Over Temperature Operating Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | Current - Supply (Max) | 10mA |
| Protection Features Over Current, Over Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | PSRR | 70dB (120Hz) |
| Operating Temperature 0°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | Control Features | - |
| Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | Protection Features | Over Current, Over Temperature |
| Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263 | Operating Temperature | 0°C ~ 150°C |
| Supplier Device Package TO-263 | Mounting Type | Surface Mount |
| | Package / Case | TO-263-4, D2Pak (3 Leads + Tab), TO-263AA |
| Report errors? | Supplier Device Package | TO-263 |
| | | Report errors? |

IRU1050CMTR 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.

IRU1050CMTR Payment Methods



















IRU1050CMTR Shipping Methods













If you have any question about IRU1050CMTR, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com