



IRU1015CMTR Information



For Reference Only

Part Number IRU1015CMTR
Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR POS ADJ 1.5A TO263

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

For the pricing/inventory/lead time, please contact

us

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



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IRU1015CMTR Specifications

Manufacturer Part Number IRU1015CMTR 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 @ 1.5A Current - Output 1.5A 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	P	
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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 @ 1.5A Current - Output 1.5A 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 @ 1.5ACurrent - Output1.5ACurrent - 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
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Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 3.3V Voltage Dropout (Max) 1.3V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 70dB (120Hz) Control Features Protection Features Over Current, Over Temperature Operating Temperature Operating Temperature O°C ~ 150°C Mounting 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 @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature Operating Temperature O°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 @ 1.5ACurrent - Output1.5ACurrent - 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 @ 1.5A Current - Output 1.5A 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 1.5A 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 @ 1.5A
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	Current - Output	1.5A
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?

IRU1015CMTR 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.

IRU1015CMTR Payment Methods





















IRU1015CMTR Shipping Methods













If you have any question about IRU1015CMTR, please do not hesitate to contact us!

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