



### MIC37301-2.5BR Information



For Reference Only

PMIC - Voltage Regulators - Linear **Description Package** 

Category

IC REG LINEAR 2.5V 3A S-PAK-5 SPak-5 (5 leads + Tab)

Integrated Circuits (ICs)

For the pricing/inventory/lead time, please contact

Part Number MIC37301-2.5BR Manufacturer Microchip Technology

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



Request a Quote

# **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.









### MIC37301-2.5BR Specifications

Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         SPak-5 (5 leads + Tab)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         -           Current - Output         3A           Current - Quiescent (Iq)         -		
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         SPak-5 (5 leads + Tab)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         -           Current - Output         3A           Current - Quiescent (Iq)         -	Manufacturer Part Number	MIC37301-2.5BR
PMIC - Voltage Regulators - Linear  Package SPak-5 (5 leads + Tab)  Series - Output Configuration Positive Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 6V  Voltage - Output (Min/Fixed) 2.5V  Voltage - Output (Max) -  Voltage Dropout (Max) -  Current - Output Current - Quiescent (Iq) -	Manufacturer	Microchip Technology
Package SPak-5 (5 leads + Tab)  Series - Output Configuration Positive Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 6V  Voltage - Output (Min/Fixed) 2.5V  Voltage - Output (Max) -  Voltage Dropout (Max) -  Current - Output Current - Output (Iq) -	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 3A Current - Quiescent (Iq) -		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max)  Voltage Dropout (Max) - Current - Output Current - Quiescent (Iq)  Positive  Fixed  Fixed	Package	SPak-5 (5 leads + Tab)
Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 6V  Voltage - Output (Min/Fixed) 2.5V  Voltage - Output (Max) -  Voltage Dropout (Max) -  Current - Output  3A  Current - Quiescent (Iq) -	Series	-
Number of Regulators  1 Voltage - Input (Max)  Voltage - Output (Min/Fixed)  2.5V  Voltage - Output (Max)  - Voltage Dropout (Max)  - Current - Output  3A  Current - Quiescent (Iq)  -  1  6V  2.5V  2.5V  3.5V  -  -  -  -  -  -  -  -  -  -  -  -  -	Output Configuration	Positive
Voltage - Input (Max) 6V  Voltage - Output (Min/Fixed) 2.5V  Voltage - Output (Max) -  Voltage Dropout (Max) -  Current - Output 3A  Current - Quiescent (Iq) -	Output Type	Fixed
Voltage - Output (Min/Fixed)  2.5V  Voltage - Output (Max)  -  Voltage Dropout (Max)  -  Current - Output  3A  Current - Quiescent (Iq)  -	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  - Current - Output  3A  Current - Quiescent (Iq)	Voltage - Input (Max)	6V
Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  -	Voltage - Output (Min/Fixed)	2.5V
Current - Output 3A Current - Quiescent (Iq) -	Voltage - Output (Max)	-
Current - Quiescent (Iq)	Voltage Dropout (Max)	-
	Current - Output	3A
Current Supply (May) 50m A	Current - Quiescent (Iq)	-
Current - Suppry (Max)	Current - Supply (Max)	50mA
PSRR -	PSRR	-
Control Features Enable	Control Features	Enable
Protection Features Over Current, Over Temperature, Reverse Polarity	Protection Features	Over Current, Over Temperature, Reverse Polarity
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case SPak-5 (5 leads + Tab)	Package / Case	SPak-5 (5 leads + Tab)
Supplier Device Package S-PAK-5	Supplier Device Package	S-PAK-5
Report errors?		Report errors

#### MIC37301-2.5BR 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.

### MIC37301-2.5BR Payment Methods



















## MIC37301-2.5BR Shipping Methods













If you have any question about MIC37301-2.5BR, please do not hesitate to contact us!

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