



AP7315-185FS4-7B Information

Heisener.com

Part NumberAP7315-185FS4-7BManufacturerDiodes IncorporatedCategoryIntegrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.85V 150MA 4DFN

Package 4-XDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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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.









AP7315-185FS4-7B Specifications

| Manufacturer Part Number Manufacturer Diodes Incorporated Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-XDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Diodes Incorporated Diodes Incorporated Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 4-XDFN Exposed Pad 5-XDFN Exposed Pad 5-XDFN Exposed Pad 1-XDFN Exposed | 1 | |
|--|------------------------------|-------------------------------------|
| Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-XDFN Exposed Pad Series - Output Configuration Positive Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 4-XDFN Exposed Pad 5-Exposed Pad 5-Exposed Pad 5-Exposed Pad 6-Exposed Pad 6-Expo | Manufacturer Part Number | AP7315-185FS4-7B |
| PMIC - Voltage Regulators - Linear Package 4-XDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1.85V Voltage - Output (Max) - Voltage Dropout (Max) 0.44V @ 150mA Current - Output (Max) 150mA | Manufacturer | Diodes Incorporated |
| Package 4-XDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1.85V Voltage - Output (Max) - Voltage Dropout (Max) 0.44V @ 150mA Current - Output (Max) 150mA | Category | Integrated Circuits (ICs) |
| Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1.85V Voltage - Output (Max) - Voltage Dropout (Max) 0.44V @ 150mA Current - Output (Max) 150mA | | PMIC - Voltage Regulators - Linear |
| Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 150mA | Package | 4-XDFN Exposed Pad |
| Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1.85V Voltage - Output (Max) - Voltage Dropout (Max) 0.44V @ 150mA Current - Output 150mA | Series | - |
| Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 150mA | Output Configuration | Positive |
| Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA | Output Type | Fixed |
| Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output 1.85V - 0.44V @ 150mA | Number of Regulators | 1 |
| Voltage - Output (Max) Voltage Dropout (Max) Current - Output - 0.44V @ 150mA 150mA | Voltage - Input (Max) | 5.25V |
| Voltage Dropout (Max) Current - Output 0.44V @ 150mA 150mA | Voltage - Output (Min/Fixed) | 1.85V |
| Current - Output 150mA | Voltage - Output (Max) | - |
| | Voltage Dropout (Max) | 0.44V @ 150mA |
| Current - Quiescent (Ia) | Current - Output | 150mA |
| Current - Quiescent (rd) | Current - Quiescent (Iq) | - |
| Current - Supply (Max) $60\mu A \sim 100\mu A$ | Current - Supply (Max) | $60\mu\text{A} \sim 100\mu\text{A}$ |
| PSRR 75dB (1kHz) | PSRR | 75dB (1kHz) |
| Control Features - | Control Features | - |
| Protection Features Over Current | Protection Features | Over Current |
| Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ | Operating Temperature | -40°C ~ 85°C |
| Mounting Type Surface Mount | Mounting Type | Surface Mount |
| Package / Case 4-XDFN Exposed Pad | Package / Case | 4-XDFN Exposed Pad |
| Supplier Device Package X2-DFN1010-4 | Supplier Device Package | X2-DFN1010-4 |
| Report errors? | | Report errors? |

AP7315-185FS4-7B 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.

AP7315-185FS4-7B Payment Methods



















AP7315-185FS4-7B Shipping Methods













If you have any question about AP7315-185FS4-7B, please do not hesitate to contact us!

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