

AN7705SP

AN7705SP Information



| Part Number | AN7705SP | |
|--------------|--|--|
| Manufacturer | Panasonic Electronic Components | |
| Category | Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear | |
| Description | IC REG LINEAR 5V 1.2A SP3SUA | |
| Package | TO-252-3, DPak (2 Leads + Tab), SC-63 | |
| | For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com | |



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For Reference Only

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.



AN7705SP Specifications

| ManufacturerPanasonic Electronic ComponentsCategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Output ConfigurationPositiveDutput ConfigurationFixedVoltage - Input (Max)16Voltage - Output (Min/Fixed)SVVoltage - Output (Max)-Voltage Doupout (Max)-Current - Output1.2ACurrent - Output5MACurrent - Quiescent (Iq)-Current - Supply (Max)SMAPSRROdB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating TemperatureSurface MountProtector FeaturesSurface MountPackage / CaseTo-252-3, DPak (2 Leads + Tab), SC-63 | | |
|--|------------------------------|---|
| CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Output ConfigurationPositiveDutput ConfigurationFixedOutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Max)-Voltage Output (Max)-Voltage Dropout (Max)-Current - Output1.2ACurrent - Quiescent (Iq)5mAPSRR70dB (120Hz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating TemperatureS°C - 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Manufacturer Part Number | AN7705SP |
| PMIC - Voltage Regulators - LinearPackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Dutput ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Max)-Voltage - Output (Max)-Current - Output1.2ACurrent - Output5mACurrent - Quiescent (Iq)-Current - Supply (Max)5mAPSRR70dB (120Hz)Control Features-Protection Features-Protection Features0ver Current, Over Temperature, Short CircuitDeprating TemperatureSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Manufacturer | Panasonic Electronic Components |
| PackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Output ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1.2ACurrent - Output (Max)5mACurrent - Quiescent (Iq)-Current - Supply (Max)5mAControl Features-Potection Features-Protection Features-Operating TemperatureSuface MountPackage / CaseSurface MountPackage / CaseSP-3SUA | Category | Integrated Circuits (ICs) |
| Series-Dutput ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output1.2ACurrent - Quiescent (Iq)-Current - Supply (Max)5mAPSRR70dB (120Hz)Protection Features-Protection Features-Operating TemperatureStrface MountPackage / CaseTo-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | | PMIC - Voltage Regulators - Linear |
| Dutput ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output1.2ACurrent - Quiescent (Iq)5mAPSRR70dB (120Hz)Control Features-Operating Temperature25°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Package | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Durput Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) - Current - Output 1.2A Current - Quiescent (Iq) - Current - Supply (Max) 5mA PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature Surface Mount Package / Case To-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package SP-3SUA | Series | - |
| Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1.2A Current - Quiescent (Iq) - Current - Supply (Max) 5mA PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package SP-3SUA | Output Configuration | Positive |
| Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) - Current - Output 1.2A Current - Quiescent (Iq) - Current - Supply (Max) 5mA PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package SP-3SUA | Output Type | Fixed |
| Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1.2ACurrent - Quiescent (Iq)-Current - Supply (Max)5mAPSRR70dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating TemperatureSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Number of Regulators | 1 |
| Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output1.2ACurrent - Quiescent (Iq)-Current - Supply (Max)5mAPSRR70dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating TemperatureSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Voltage - Input (Max) | 16V |
| Voltage Dropout (Max)-Current - Output1.2ACurrent - Quiescent (Iq)-Current - Supply (Max)5mAPSRR70dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature25°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Voltage - Output (Min/Fixed) | 5V |
| Current - Output1.2ACurrent - Quiescent (Iq)-Current - Supply (Max)5mAPSRR70dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature25°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Voltage - Output (Max) | - |
| Current - Quiescent (Iq)-Current - Supply (Max)5mAPSRR70dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature25°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Voltage Dropout (Max) | - |
| Current - Supply (Max)5mAPSRR70dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature25°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Current - Output | 1.2A |
| PSRR70dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature25°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Current - Quiescent (Iq) | - |
| Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature25°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Current - Supply (Max) | 5mA |
| Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature25°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | PSRR | 70dB (120Hz) |
| Operating Temperature25°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Control Features | - |
| Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Protection Features | Over Current, Over Temperature, Short Circuit |
| Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageSP-3SUA | Operating Temperature | 25°C ~ 125°C |
| Supplier Device Package SP-3SUA | Mounting Type | Surface Mount |
| | Package / Case | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Report errors? | Supplier Device Package | SP-3SUA |
| | | Report errors? |

AN7705SP 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.



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