



CS8182YDPSR5G Information



For Reference Only

Part Number CS8182YDPSR5G
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LIN POS ADJ 200MA D2PAK-5**Package**TO-263-6, D2Pak (5 Leads + Tab), TO-263BA

For the pricing/inventory/lead time, please contact

us

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



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CS8182YDPSR5G Specifications

Manufacturer Part Number CS8182YDPSR5G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 45V Voltage - Output (Min/Fixed) Tracking Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 200mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 55µA ~ 25mA PSR 60dB (120Hz) Control Features Enable Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 45V Voltage - Output (Min/Fixed) Tracking Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 200mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 55µA ~ 25mA PSRR 60dB (120Hz) Control Features Enable Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C	Manufacturer Part Number	CS8182YDPSR5G
$\begin{array}{c} PMIC - Voltage \ Regulators - Linear \\ \\ Package \\ Series \\ \\ Output \ Configuration \\ Output \ Configuration \\ Output \ Type \\ Adjustable \\ \\ Number \ of \ Regulators \\ I \\ Voltage - Input \ (Max) \\ Voltage - Output \ (Min/Fixed) \\ Voltage - Output \ (Min/Fixed) \\ Voltage - Output \ (Max) \\ Voltage \ Dropout \ (Max) \\ Voltage \ Dropout \ (Max) \\ Current - Output \\ Current - Quiescent \ (Iq) \\ Current - Supply \ (Max) \\ PSRR \\ 60dB \ (120Hz) \\ Control \ Features \\ Protection \ Features \\ Over \ Temperature, \ Reverse \ Polarity, \ Short \ Circuit \\ Operating \ Temperature \\ -40^{\circ}C \ \sim 125^{\circ}C \\ \end{array}$	Manufacturer	ON Semiconductor
Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Tracking Voltage - Output (Max) - Voltage Dropout (Max) O.6V @ 200mA Current - Output 200mA Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (120Hz) Control Features Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 45V Voltage - Output (Min/Fixed) Tracking Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 200mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 55μA ~ 25mA PSRR 60dB (120Hz) Control Features Enable Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Tracking Voltage - Output (Max) - Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) - Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) - S5µA ~ 25mA PSRR 60dB (120Hz) Control Features Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)45 VVoltage - Output (Min/Fixed)TrackingVoltage - Output (Max)-Voltage Dropout (Max)0.6 V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)55μA ~ 25mAPSRR60dB (120Hz)Control FeaturesEnableProtection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 125°C	Series	-
Number of Regulators 1 Voltage - Input (Max) 45V Voltage - Output (Min/Fixed) Tracking Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 200mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 55μA ~ 25mA PSRR 60dB (120Hz) Control Features Enable Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C	Output Configuration	Positive
Voltage - Input (Max) 45V Voltage - Output (Min/Fixed) Tracking Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 200mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 55 μ A ~ 25mA PSRR 60dB (120Hz) Control Features Enable Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C	Output Type	Adjustable
Voltage - Output (Min/Fixed)TrackingVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)55μA ~ 25mAPSRR60dB (120Hz)Control FeaturesEnableProtection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 125°C	Number of Regulators	1
$\begin{tabular}{lll} Voltage - Output (Max) & - & - & - & - & - & - & - & - & - & $	Voltage - Input (Max)	45V
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Voltage - Output (Min/Fixed)	Tracking
Current - Output $200 mA$ Current - Quiescent (Iq)-Current - Supply (Max) $55 \mu A \sim 25 mA$ PSRR $60 dB (120 Hz)$ Control FeaturesEnableProtection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$	Voltage - Output (Max)	-
Current - Quiescent (Iq) - Current - Supply (Max) 55μ A ~ $25m$ A 85μ A 85	Voltage Dropout (Max)	0.6V @ 200mA
Current - Supply (Max) $55\mu A \sim 25mA$ PSRR $60dB (120Hz)$ Control Features Enable Protection Features Over Temperature, Reverse Polarity, Short Circuit $-40^{\circ}C \sim 125^{\circ}C$	Current - Output	200mA
PSRR 60dB (120Hz) Control Features Enable Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C	Current - Quiescent (Iq)	-
Control Features Protection Features Operating Temperature Control Features Over Temperature, Reverse Polarity, Short Circuit -40°C ~ 125°C	Current - Supply (Max)	$55\mu A \sim 25mA$
Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	PSRR	60dB (120Hz)
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Control Features	Enable
	Protection Features	Over Temperature, Reverse Polarity, Short Circuit
	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Supplier Device Package D2PAK-5	Supplier Device Package	D2PAK-5
Report errors		Report errors?

CS8182YDPSR5G 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.

CS8182YDPSR5G Payment Methods









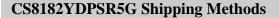
























If you have any question about CS8182YDPSR5G, please do not hesitate to contact us!

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