



## MC33880PEGR2 Information



For Reference Only

Part Number MC33880PEGR2

Manufacturer NXP

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

**Description** IC SRL SWITCH OCT W/SPI 28SOIC **Package** 28-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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



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# **Certified Quality**

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<b>MC33880PEGR2</b>	Specifications
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Manufacturer Part Number         MC33880PEGR2           Manufacturer         NXP           Category         Integrated Circuits (ICs)           Package         28-SOIC (0.295", 7.50mm Width)           Series         -           Switch Type         General Purpose           Number of Outputs         8           Ratio - Input:Output         1:8           Output Configuration         High Side or Low Side           Output Type         N-Channel           Interface         SPI           Voltage - Load         5.5 V ~ 24.5 V           Voltage - Supply (Vcc/Vdd)         4.75 V ~ 5.25 V           Current - Output (Max)         800mA           Rds On (Typ)         550 mOhm           Input Type         -           Features         -           Fault Protection         Current Limiting (Fixed), Open Load Detect, Over Voltage           Operating Temperature         -40°C ~ 150°C (TJ)           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SOIC		
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Ratio - Input:Output1:8Output ConfigurationHigh Side or Low SideOutput TypeN-ChannelInterfaceSPIVoltage - Load5.5 V ~ 24.5 VVoltage - Supply (Vcc/Vdd)4.75 V ~ 5.25 VCurrent - Output (Max)800mARds On (Typ)550 mOhmInput Type-Features-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Switch Type	General Purpose
Output Configuration  High Side or Low Side  Output Type  N-Channel  Interface  SPI  Voltage - Load  5.5 V ~ 24.5 V  Voltage - Supply (Vcc/Vdd)  4.75 V ~ 5.25 V  Current - Output (Max)  Rds On (Typ)  550 mOhm  Input Type  - Features  - Fault Protection  Current Limiting (Fixed), Open Load Detect, Over Voltage  Operating Temperature  -40°C ~ 150°C (TJ)  Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Number of Outputs	8
Output TypeN-ChannelInterfaceSPIVoltage - Load $5.5 \text{ V} \sim 24.5 \text{ V}$ Voltage - Supply (Vcc/Vdd) $4.75 \text{ V} \sim 5.25 \text{ V}$ Current - Output (Max) $800\text{mA}$ Rds On (Typ) $550 \text{ mOhm}$ Input Type-Features-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over VoltageOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)Package / Case $28\text{-SOIC}$ (0.295", 7.50mm Width)Supplier Device Package $28\text{-SOIC}$	Ratio - Input:Output	1:8
Interface SPI  Voltage - Load 5.5 V ~ 24.5 V  Voltage - Supply (Vcc/Vdd) 4.75 V ~ 5.25 V  Current - Output (Max) 800mA  Rds On (Typ) 550 mOhm  Input Type -  Features -  Fault Protection Current Limiting (Fixed), Open Load Detect, Over Voltage  Operating Temperature -40°C ~ 150°C (TJ)  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SOIC	Output Configuration	High Side or Low Side
Voltage - Load $5.5 \text{ V} \sim 24.5 \text{ V}$ Voltage - Supply (Vcc/Vdd) $4.75 \text{ V} \sim 5.25 \text{ V}$ Current - Output (Max) $800\text{mA}$ Rds On (Typ) $550 \text{ mOhm}$ Input Type -  Features -  Fault Protection Current Limiting (Fixed), Open Load Detect, Over Voltage  Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)  Package / Case $28\text{-SOIC}$ (0.295", 7.50mm Width)  Supplier Device Package	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd)  4.75 V ~ 5.25 V  Current - Output (Max)  800mA  Rds On (Typ)  550 mOhm  Input Type  - Features  - Fault Protection  Current Limiting (Fixed), Open Load Detect, Over Voltage  Operating Temperature  -40°C ~ 150°C (TJ)  Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Interface	SPI
Current - Output (Max)  Rds On (Typ)  550 mOhm  Input Type  - Features  - Fault Protection  Current Limiting (Fixed), Open Load Detect, Over Voltage  Operating Temperature  -40°C ~ 150°C (TJ)  Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Voltage - Load	5.5 V ~ 24.5 V
Rds On (Typ) 550 mOhm  Input Type - Features - Fault Protection Current Limiting (Fixed), Open Load Detect, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Voltage - Supply (Vcc/Vdd)	4.75 V ~ 5.25 V
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Features - Current Limiting (Fixed), Open Load Detect, Over Voltage  Operating Temperature -40°C ~ 150°C (TJ)  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SOIC	Rds On (Typ)	550 mOhm
Fault Protection  Current Limiting (Fixed), Open Load Detect, Over Voltage  -40°C ~ 150°C (TJ)  Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package  28-SOIC	Input Type	-
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)  Package / Case $28\text{-SOIC}$ (0.295", 7.50mm Width)  Supplier Device Package $28\text{-SOIC}$	Features	-
Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Voltage
Supplier Device Package 28-SOIC	Operating Temperature	-40°C ~ 150°C (TJ)
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Report errors?	Supplier Device Package	28-SOIC
		Report errors?

#### MC33880PEGR2 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.

### MC33880PEGR2 Payment Methods



















## MC33880PEGR2 Shipping Methods













If you have any question about MC33880PEGR2, please do not hesitate to contact us!

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