



MIC2981/82YWM Information



For Reference Only

Part Number MIC2981/82YWM

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers IC DRIVER ARRAY HV/HC 8CH 18SOIC

Package 18-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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Description









MIC2981/82YWM Specifications

Manufacturer Part Number Mic2981/82YWM Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package 18-SOIC (0.295", 7.50mm Width) Series - Switch Type General Purpose Number of Outputs 8 Ratio - Input:Output 1:1 Output Configuration High Side Output Type Bipolar Interface On/Off Voltage - Load 5 ~ 50 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) - Input Type Non-Inverting Features - Fault Protection - Operating Temperature -40°C ~ 85°C (TA) Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC (0.295", 7.50mm Width)		
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Number of Outputs8Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeBipolarInterfaceOn/OffVoltage - Load5 ~ 50 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)-Input TypeNon-InvertingFeatures-Fault Protection-Operating Temperature-40°C ~ 85°C (TA)Package / Case18-SOIC (0.295", 7.50mm Width)Supplier Device Package18-SOP (Wide)	Series	-
Ratio - Input:Output Output Configuration High Side Output Type Bipolar Interface On/Off Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) - Input Type Non-Inverting Features - Fault Protection Operating Temperature -40°C ~ 85°C (TA) Package / Case Input Povice Package 1:1 High Side 1:1 Non/Off Wigh A Bipolar On/Off Not Required Not Required Not Required	Switch Type	General Purpose
Output Configuration High Side Output Type Bipolar Interface On/Off Voltage - Load 5 ~ 50 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) - Input Type Non-Inverting Features Fault Protection Operating Temperature -40°C ~ 85°C (TA) Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOP (Wide)	Number of Outputs	8
Output TypeBipolarInterfaceOn/OffVoltage - Load5 ~ 50 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)-Input TypeNon-InvertingFeatures-Fault Protection-Operating Temperature-40°C ~ 85°C (TA)Package / Case18-SOIC (0.295", 7.50mm Width)Supplier Device Package18-SOP (Wide)	Ratio - Input:Output	1:1
Interface On/Off Voltage - Load 5 ~ 50 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) - Input Type Non-Inverting Features - Fault Protection - Operating Temperature -40°C ~ 85°C (TA) Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOP (Wide)	Output Configuration	High Side
Voltage - Load 5 ~ 50 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) - Input Type Non-Inverting Features - Fault Protection - Operating Temperature -40°C ~ 85°C (TA) Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOP (Wide)	Output Type	Bipolar
Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) SomA Rds On (Typ) - Input Type Non-Inverting Features - Fault Protection Operating Temperature Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOP (Wide)	Interface	On/Off
Current - Output (Max) Rds On (Typ) - Input Type Non-Inverting Features - Fault Protection Operating Temperature Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package	Voltage - Load	5 ~ 50 V
Rds On (Typ) Input Type Non-Inverting Features - Fault Protection Operating Temperature Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOP (Wide)	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features - Fault Protection - Operating Temperature -40°C ~ 85°C (TA) Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOP (Wide)	Current - Output (Max)	500mA
Features - Fault Protection - Operating Temperature -40°C ~ 85°C (TA) Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOP (Wide)	Rds On (Typ)	-
Fault Protection - Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOP (Wide)	Input Type	Non-Inverting
Operating Temperature -40°C ~ 85°C (TA) Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOP (Wide)	Features	-
Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOP (Wide)	Fault Protection	-
Supplier Device Package 18-SOP (Wide)	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	18-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	18-SOP (Wide)
		Report errors?

MIC2981/82YWM 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.

MIC2981/82YWM Payment Methods



















MIC2981/82YWM Shipping Methods













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