



MIC94073YC6-TR Information



For Reference Only

Part Number MIC94073YC6-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description IC POWER SWITCH HI SIDE SC70-6

6-TSSOP, SC-88, SOT-363

For the pricing/inventory/lead time, please contact

us

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



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Package









MIC94073YC6-TR Specifications

Manufacturer Microchip Technology Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package 6-TSSOP, SC-88, SOT-363 Series - Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature -40°C ~ 125°C (TJ)		A COMPANY OF THE
Category Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package 6-TSSOP, SC-88, SOT-363 Series - Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.2A Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature - 40°C ~ 125°C (TJ)	Manufacturer Part Number	MIC94073YC6-TR
Package 6-TSSOP, SC-88, SOT-363 Series - Switch Type General Purpose Number of Outputs 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.2A Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature 40°C ~ 125°C (TJ)	Manufacturer	Microchip Technology
Package 6-TSSOP, SC-88, SOT-363 Series - Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.2A Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 125°C (TJ)	Category	Integrated Circuits (ICs)
Series - Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.2A Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 125°C (TJ)		PMIC - Power Distribution Switches, Load Drivers
Switch Type Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature General Purpose 1:1 1.2 A Curpose Load Discharge, Slew Rate Controlled -40°C ~ 125°C (TJ)	Package	6-TSSOP, SC-88, SOT-363
Number of Outputs Ratio - Input:Output 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.2A Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature 1.21 1.22 1.23 1.24 1.25 1.26 1.26 1.27 1.27 1.20 1.20 1.20 1.20 1.20 1.20 1.20 1.20	Series	-
Ratio - Input:Output Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.2A Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature 1:1 Night Side On/Off Not Required 1.7 V ~ 5.5 V Not Required 1.2A 1.2A Rds On (Typ) 120 mOhm -40°C ~ 125°C (TJ)	Switch Type	General Purpose
Output Configuration Output Type P-Channel Interface On/Off Voltage - Load 1.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.2A Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature High Side P-Channel 1.7 V ~ 5.5 V Not Required 1.7 V ~ 5.5 V Not Required 1.2A 1.2A 1.20 mOhm 1	Number of Outputs	1
Output Type P-Channel Interface On/Off Voltage - Load 1.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.2A Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 125°C (TJ)	Ratio - Input:Output	1:1
Interface On/Off Voltage - Load 1.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.2A Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 125°C (TJ)	Output Configuration	High Side
Voltage - Load 1.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.2A Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature -40°C ~ 125°C (TJ)	Output Type	P-Channel
Voltage - Supply (Vcc/Vdd) Current - Output (Max) Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature -40°C ~ 125°C (TJ)	Interface	On/Off
Current - Output (Max) Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature -40°C ~ 125°C (TJ)	Voltage - Load	1.7 V ~ 5.5 V
Rds On (Typ) 120 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature -40°C ~ 125°C (TJ)	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature -40°C ~ 125°C (TJ)	Current - Output (Max)	1.2A
Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ)	Rds On (Typ)	120 mOhm
Fault Protection - $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$	Input Type	Non-Inverting
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$	Features	Load Discharge, Slew Rate Controlled
	Fault Protection	-
Package / Case 6-TSSOP, SC-88, SOT-363	Operating Temperature	-40°C ~ 125°C (TJ)
· · ·	Package / Case	6-TSSOP, SC-88, SOT-363
Supplier Device Package SC-70-6	Supplier Device Package	SC-70-6
Report errors?		Report errors?

MIC94073YC6-TR 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.

MIC94073YC6-TR Payment Methods



















MIC94073YC6-TR Shipping Methods













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