



MIC2005-0.8YML-TR Information



For Reference Only

Part NumberMIC2005-0.8YML-TRManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description IC DISTRIBUTION SW 0.8A 6-MLF **Package** 6-VQFN Exposed Pad, 6-MLF?

For the pricing/inventory/lead time, please contact

us

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



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MIC2005-0.8YML-TR Specifications

Integrated Circuits (ICs)		
Category Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package 6-VQFN Exposed Pad, 6-MLF? 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 2.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 800mA Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Manufacturer Part Number	MIC2005-0.8YML-TR
PACKAGE 6-VQFN Exposed Pad, 6-MLF? Series 5-Switch Type General Purpose Number of Outputs 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Ras On (Typ) Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Operating Temperature -40°C ~ 85°C (TA) Package / Case Seneral Purpose General Purpose General Purpose -40°C ~ 85°C (TA) Seneral Purpose Seneral Purpose Seneral Purpose Seneral Purpose -40°C ~ 85°C (TA) Seneral Purpose Seneral Purpose Seneral Purpose Non-Inverting Size Rate Ontrolled General Purpose Seneral	Manufacturer	Microchip Technology
Package 6-VQFN Exposed Pad, 6-MLF? 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 2.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 800mA Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-MLF? (2x2)	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 2.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 800mA Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)		PMIC - Power Distribution Switches, Load Drivers
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Interface On/Off Voltage - Load 2.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 800mA Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Output Configuration	High Side
Voltage - Load 2.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 800mA Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Output Type	P-Channel
Voltage - Supply (Vcc/Vdd) Current - Output (Max) Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package	Interface	On/Off
Current - Output (Max) Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Voltage - Load	2.5 V ~ 5.5 V
Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Current - Output (Max)	800mA
Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Rds On (Typ)	70 mOhm
Fault Protection Current Limiting (Fixed), Over Temperature Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF ? Supplier Device Package 6-MLF ? (2x2)	Input Type	Non-Inverting
Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Features	Slew Rate Controlled
Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Fault Protection	Current Limiting (Fixed), Over Temperature
Supplier Device Package 6-MLF? (2x2)	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	6-VQFN Exposed Pad, 6-MLF?
Report errors?	Supplier Device Package	6-MLF? (2x2)
		Report errors?

MIC2005-0.8YML-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.

MIC2005-0.8YML-TR Payment Methods



















MIC2005-0.8YML-TR Shipping Methods













If you have any question about MIC2005-0.8YML-TR, please do not hesitate to contact us!

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