



MIC2006-1.2YML-TR Information



For Reference Only

Part Number MIC2006-1.2YML-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

DescriptionIC DISTRIBUTION SW 1.2A 6-MLF**Package**6-VQFN Exposed Pad, 6-MLF?

For the pricing/inventory/lead time, please contact

us

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MIC2006-1.2YML-TR Specifications

Manufacturer Part Number MIC2006-1.2YML-TR Manufacturer Microchip Technology 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) 1.2A Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)		
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Output TypeP-ChannelInterface On/Off Voltage - Load $2.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max) $1.2A$ Rds On (Typ) 70 mOhm Input TypeNon-InvertingFeaturesSlew Rate ControlledFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Package / Case $6-\text{VQFN Exposed Pad, } 6-\text{MLF?}$ Supplier Device Package $6-\text{MLF?}$ (2x2)	Ratio - Input:Output	1:1
Interface On/Off Voltage - Load 2.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.2A Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature, UVLO 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) 1.2A Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature, UVLO 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) Not Required Current - Output (Max) 1.2A Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	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, UVLO 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
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Input Type Non-Inverting Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature, UVLO -40°C ~ 85°C (TA) Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Current - Output (Max)	1.2A
Features Slew Rate Controlled Fault Protection Current Limiting (Fixed), Over Temperature, UVLO 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, UVLO 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 $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (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, UVLO
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?

MIC2006-1.2YML-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.

MIC2006-1.2YML-TR Payment Methods



















MIC2006-1.2YML-TR Shipping Methods













If you have any question about MIC2006-1.2YML-TR, please do not hesitate to contact us!

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