

MIC2033-05AYM6-TR

MIC2033-05AYM6-TR Information



For Reference Only

Part Number MIC2033-05AYM6-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description IC SW DISTRIBUTION SOT23-6L

Package SOT-23-6

For the pricing/inventory/lead time, please contact

us

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



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MIC2033-05AYM6-TR Specifications

Manufacturer Part Number MIC2033-05AYM6-TR Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package SOT-23-6 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) 500mA Rds On (Typ) 75 mOhm Input Type Non-Inverting Features Slew Rate Controlled, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case SOT-23-6 Supplier Device Package SOT-23-6 Supplier Device Package SOT-23-6		
Category Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package SOT-23-6 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) 500mA Rds On (Typ) 75 mOhm Input Type Non-Inverting Features Slew Rate Controlled, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Manufacturer Part Number	MIC2033-05AYM6-TR
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PackageSOT-23-6Series-Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelInterfaceOn/OffVoltage - Load2.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)75 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 125°C (TJ)Package / CaseSOT-23-6Supplier Device PackageSOT-23-6	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) 500mA Rds On (Typ) 75 mOhm Input Type Non-Inverting Features Slew Rate Controlled, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case SOT-23-6 Supplier Device Package SOT-23-6		PMIC - Power Distribution Switches, Load Drivers
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Output Configuration Output Type P-Channel Interface On/Off Voltage - Load 2.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 8ds On (Typ) 75 mOhm Input Type Non-Inverting Features Slew Rate Controlled, Status Flag Fault Protection Output Configuration Package / Case SOT-23-6 Supplier Device Package P-Channel Po-Channel Po-Channel Po-Channel Non/Off Supvised Not Required Not Required SomA StomA SomA SomA SomA Som-Inverting Slew Rate Controlled, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature SOT-23-6 SOT-23-6 SOT-23-6	Number of Outputs	1
Output Type P-Channel Interface On/Off Voltage - Load 2.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) 75 mOhm Input Type Non-Inverting Features Slew Rate Controlled, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case SOT-23-6 Supplier Device Package SOT-23-6	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) 500mA Rds On (Typ) 75 mOhm Input Type Non-Inverting Features Slew Rate Controlled, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Output Configuration	High Side
Voltage - Load 2.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) 75 mOhm Input Type Non-Inverting Features Slew Rate Controlled, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case Supplier Device Package SOT-23-6	Output Type	P-Channel
Voltage - Supply (Vcc/Vdd) Current - Output (Max) Rds On (Typ) 75 mOhm Input Type Non-Inverting Features Slew Rate Controlled, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case SUPPLIE Package SOT-23-6 Supplier Device Package	Interface	On/Off
Current - Output (Max) Rds On (Typ) 75 mOhm Input Type Non-Inverting Features Slew Rate Controlled, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Voltage - Load	2.5 V ~ 5.5 V
Rds On (Typ) 75 mOhm Input Type Non-Inverting Features Slew Rate Controlled, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features Slew Rate Controlled, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Current - Output (Max)	500mA
Features Slew Rate Controlled, Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Rds On (Typ)	75 mOhm
Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ) Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Input Type	Non-Inverting
Operating Temperature -40°C ~ 125°C (TJ) Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Features	Slew Rate Controlled, Status Flag
Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Fault Protection	Current Limiting (Fixed), Over Temperature, UVLO
Supplier Device Package SOT-23-6	Operating Temperature	-40°C ~ 125°C (TJ)
	Package / Case	SOT-23-6
Report errors?	Supplier Device Package	SOT-23-6
		Report errors?

MIC2033-05AYM6-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.

MIC2033-05AYM6-TR Payment Methods



















MIC2033-05AYM6-TR Shipping Methods













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