

# **MIC2005-1.2LYM5-TR**

### MIC2005-1.2LYM5-TR Information



For Reference Only

Part Number MIC2005-1.2LYM5-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

**Description** IC DISTRIBUTION SW 1.2A SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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



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# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# MIC2005-1.2LYM5-TR Specifications

Manufacturer Part Number  Microchip Technology  Integrated Circuits (ICs)  PMIC - Power Distribution Switches, Load Drivers  Package  SC-74A, SOT-753  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  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  Ratio - Input (Max)  1.2A  Rds On (Typ)  Non-Inverting  Features  - Fault Protection  Microchip Technology  Integrated Circuits (ICs)  PMIC - Power Distribution Switches, Load Drivers  Switch Type  Power Distribution Switches, Load Drivers  Scries  -  Integrated  SC-74A, SOT-753  1  Integrate  -  Surpose  Non-Inverting  Features  -  Current Limiting (Fixed), Over Temperature
Integrated Circuits (ICs)   PMIC - Power Distribution Switches, Load Drivers
Package SC-74A, SOT-753  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 -
Package         SC-74A, SOT-753           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         -
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         -
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  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  Rds On (Typ)  Input Type  Non-Inverting  Features  General Purpose  General Purpose  Interface  Not Required  1:1  Non-Inverting  Features
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       -
Ratio - Input:Output  Output Configuration  High Side  Output Type  P-Channel  Interface  On/Off  Voltage - Load  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  Rds On (Typ)  Input Type  Non-Inverting  Features  1:1  Nigh Side  P-Channel  On/Off  Voltage - Supply (Vcc/Vdd)  Not Required  1:2A  Non-Inverting  Non-Inverting
Output Configuration  Output Type  P-Channel  Interface  On/Off  Voltage - Load  Voltage - Supply (Vcc/Vdd)  Current - Output (Max)  Rds On (Typ)  Input Type  Non-Inverting  Features  High Side  P-Channel  On/Off  Not Required  1.25 V ~ 5.5 V  Not Required  Non-Inverting  Non-Inverting
Output Type  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 -
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 -
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  -
Voltage - Supply (Vcc/Vdd)  Current - Output (Max)  Rds On (Typ)  70 mOhm  Input Type  Non-Inverting  Features  -
Current - Output (Max)  Rds On (Typ)  70 mOhm  Input Type  Non-Inverting  Features  -
Rds On (Typ) 70 mOhm Input Type Non-Inverting Features -
Input Type Non-Inverting Features -
Features -
Fault Protection Current Limiting (Fixed), Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Package / Case SC-74A, SOT-753
Supplier Device Package SOT-23-5
Report errors?

### MIC2005-1.2LYM5-TR Guarantees



#### **Ouality 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.

## MIC2005-1.2LYM5-TR Payment Methods



















### MIC2005-1.2LYM5-TR Shipping Methods













If you have any question about MIC2005-1.2LYM5-TR, please do not hesitate to contact us!

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