

# MP62040DQFU-LF-P

## MP62040DQFU-LF-P Information



For Reference Only

Part Number MP62040DQFU-LF-P

Manufacturer Monolithic Power Systems Inc.

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

DescriptionIC CURR LIMIT SWITCHPackage4-UFDFN Exposed Pad

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**

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# MP62040DQFU-LF-P Specifications

Manufacturer Part Number         MP62040DQFU-LF-P           Manufacturer         Monolithic Power Systems Inc.           Category         Integrated Circuits (ICs)           Package         4-UFDFN Exposed Pad           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)         2A           Rds On (Typ)         85 mOhm           Input Type         -           Features         Slew Rate Controlled           Fault Protection         -           Operating Temperature         -40°C ~ 85°C (TA)           Package / Case         4-UFDFN Exposed Pad           Supplier Device Package         4-UTQFN (1.6x1.2)		
Category         Integrated Circuits (ICs)           PMIC - Power Distribution Switches, Load Drivers           Package         4-UFDFN Exposed Pad           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)         2A           Rds On (Typ)         85 mOhm           Input Type         -           Features         Slew Rate Controlled           Fault Protection         -           Operating Temperature         -40°C ~ 85°C (TA)           Package / Case         4-UFDFN Exposed Pad           Supplier Device Package         4-UTQFN (1.6x1.2)	Manufacturer Part Number	MP62040DQFU-LF-P
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Number of Outputs  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)  2A  Rds On (Typ)  85 mOhm  Input Type  - Features  Slew Rate Controlled  Fault Protection  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  Supplier Device Package  4-UTQFN (1.6x1.2)	Series	-
Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelInterfaceOn/OffVoltage - Load1.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2ARds On (Typ)85 mOhmInput Type-FeaturesSlew Rate ControlledFault Protection-Operating Temperature-40°C ~ 85°C (TA)Package / Case4-UFDFN Exposed PadSupplier Device Package4-UTQFN (1.6x1.2)	Switch Type	General Purpose
Output ConfigurationHigh SideOutput TypeP-ChannelInterfaceOn/OffVoltage - Load1.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2ARds On (Typ)85 mOhmInput Type-FeaturesSlew Rate ControlledFault Protection-Operating Temperature-40°C ~ 85°C (TA)Package / Case4-UFDFN Exposed PadSupplier Device Package4-UTQFN (1.6x1.2)	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) 2A  Rds On (Typ) 85 mOhm  Input Type -  Features Slew Rate Controlled  Fault Protection -  Operating Temperature -40°C ~ 85°C (TA)  Package / Case 4-UFDFN Exposed Pad  Supplier Device Package 4-UTQFN (1.6x1.2)	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) 2A  Rds On (Typ) 85 mOhm  Input Type -  Features Slew Rate Controlled  Fault Protection - Operating Temperature -40°C ~ 85°C (TA)  Package / Case 4-UFDFN Exposed Pad  Supplier Device Package 4-UTQFN (1.6x1.2)	Output Configuration	High Side
Voltage - Load  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  2A  Rds On (Typ)  85 mOhm  Input Type  - Features  Slew Rate Controlled  Fault Protection  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  4-UTQFN (1.6x1.2)	Output Type	P-Channel
Voltage - Supply (Vcc/Vdd)  Current - Output (Max)  Rds On (Typ)  85 mOhm  Input Type  - Features  Slew Rate Controlled  Fault Protection  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  4-UTQFN (1.6x1.2)	Interface	On/Off
Current - Output (Max)  Rds On (Typ)  85 mOhm  Input Type  - Features  Slew Rate Controlled  Fault Protection  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  4-UFDFN Exposed Pad  Supplier Device Package  4-UTQFN (1.6x1.2)	Voltage - Load	1.7 V ~ 5.5 V
Rds On (Typ)85 mOhmInput Type-FeaturesSlew Rate ControlledFault Protection-Operating Temperature-40°C ~ 85°C (TA)Package / Case4-UFDFN Exposed PadSupplier Device Package4-UTQFN (1.6x1.2)	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type - Features Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 85°C (TA) Package / Case 4-UFDFN Exposed Pad Supplier Device Package 4-UTQFN (1.6x1.2)	Current - Output (Max)	2A
Features Slew Rate Controlled  Fault Protection - Operating Temperature -40°C ~ 85°C (TA)  Package / Case 4-UFDFN Exposed Pad  Supplier Device Package 4-UTQFN (1.6x1.2)	Rds On (Typ)	85 mOhm
Fault Protection - Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Package / Case 4-UFDFN Exposed Pad Supplier Device Package 4-UTQFN (1.6x1.2)	Input Type	-
Operating Temperature -40°C ~ 85°C (TA)  Package / Case 4-UFDFN Exposed Pad  Supplier Device Package 4-UTQFN (1.6x1.2)	Features	Slew Rate Controlled
Package / Case 4-UFDFN Exposed Pad Supplier Device Package 4-UTQFN (1.6x1.2)	Fault Protection	-
Supplier Device Package 4-UTQFN (1.6x1.2)	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	4-UFDFN Exposed Pad
Report errors?	Supplier Device Package	4-UTQFN (1.6x1.2)
		Report errors?

## MP62040DQFU-LF-P 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.

## MP62040DQFU-LF-P Payment Methods





















# MP62040DQFU-LF-P Shipping Methods













If you have any question about MP62040DQFU-LF-P, please do not hesitate to contact us!

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