



## **MC34933EP Information**

Heisener.com

Part Number MC34933EP

Manufacturer NXP

Category Integrated Circuits (ICs)

PMIC - Motor Drivers, Controllers

**Description** IC MOTOR DRIVER PAR 16UQFN

Package 16-UFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



Request a Quote

### **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.









## **MC34933EP Specifications**

Manufacturer Part Number         MC34933EP           Manufacturer         NXP           Category         Integrated Circuits (ICs)           Package         16-UFQFN Exposed Pad           Series         -           Motor Type - Stepper         Bipolar           Motor Type - AC, DC         Brushed DC           Function         Driver - Fully Integrated, Control and Power Stage           Output Configuration         Half Bridge (4)           Interface         Parallel           Technology         Power MOSFET           Step Resolution         -           Applications         General Purpose           Current - Output         1A           Voltage - Supply         2.7 V ~ 5.5 V           Voltage - Load         2 V ~ 7 V           Operating Temperature         -20°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Package / Case         16-UFQFN Exposed Pad	•	
CategoryIntegrated Circuits (ICs)PMIC - Motor Drivers, ControllersPackage16-UFQFN Exposed PadSeries-Motor Type - StepperBipolarMotor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceParallelTechnologyPower MOSFETStep Resolution-ApplicationsGeneral PurposeCurrent - Output1AVoltage - Supply2.7 V ~ 5.5 VVoltage - Load2 V ~ 7 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface Mount	Manufacturer Part Number	MC34933EP
Package 16-UFQFN Exposed Pad  Series - Motor Type - Stepper Bipolar Motor Type - AC, DC Brushed DC Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (4) Interface Parallel Technology Power MOSFET Step Resolution - Applications General Purpose Current - Output 1A Voltage - Supply 2.7 V ~ 5.5 V Voltage - Load 2 V ~ 7 V Operating Temperature -20°C ~ 150°C (TJ) Mounting Type	Manufacturer	NXP
Package16-UFQFN Exposed PadSeries-Motor Type - StepperBipolarMotor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceParallelTechnologyPower MOSFETStep Resolution-ApplicationsGeneral PurposeCurrent - Output1AVoltage - Supply2.7 V ~ 5.5 VVoltage - Load2 V ~ 7 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface Mount	Category	Integrated Circuits (ICs)
Series-Motor Type - StepperBipolarMotor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceParallelTechnologyPower MOSFETStep Resolution-ApplicationsGeneral PurposeCurrent - Output1AVoltage - Supply2.7 V ~ 5.5 VVoltage - Load2 V ~ 7 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface Mount		PMIC - Motor Drivers, Controllers
Motor Type - StepperBipolarMotor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceParallelTechnologyPower MOSFETStep Resolution-ApplicationsGeneral PurposeCurrent - Output1AVoltage - Supply $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $2 \text{ V} \sim 7 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)Mounting TypeSurface Mount	Package	16-UFQFN Exposed Pad
Motor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceParallelTechnologyPower MOSFETStep Resolution-ApplicationsGeneral PurposeCurrent - Output1AVoltage - Supply2.7 V ~ 5.5 VVoltage - Load2 V ~ 7 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface Mount	Series	-
Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (4) Interface Parallel Technology Power MOSFET Step Resolution - Applications General Purpose Current - Output 1A Voltage - Supply 2.7 V ~ 5.5 V Voltage - Load 2 V ~ 7 V Operating Temperature -20°C ~ 150°C (TJ) Mounting Type Surface Mount	Motor Type - Stepper	Bipolar
Output Configuration  Interface Parallel  Technology Power MOSFET  Step Resolution - Applications General Purpose  Current - Output 1A  Voltage - Supply 2.7 V ~ 5.5 V  Voltage - Load 2 V ~ 7 V  Operating Temperature -20°C ~ 150°C (TJ)  Mounting Type Surface Mount	Motor Type - AC, DC	Brushed DC
Interface Parallel Technology Power MOSFET  Step Resolution - Applications General Purpose  Current - Output 1A  Voltage - Supply 2.7 V ~ 5.5 V  Voltage - Load 2 V ~ 7 V  Operating Temperature -20°C ~ 150°C (TJ)  Mounting Type Surface Mount	Function	Driver - Fully Integrated, Control and Power Stage
Technology Power MOSFET  Step Resolution - Applications General Purpose  Current - Output 1A  Voltage - Supply 2.7 V ~ 5.5 V  Voltage - Load 2 V ~ 7 V  Operating Temperature -20°C ~ 150°C (TJ)  Mounting Type Surface Mount	Output Configuration	Half Bridge (4)
Step Resolution-ApplicationsGeneral PurposeCurrent - Output1AVoltage - Supply2.7 V ~ 5.5 VVoltage - Load2 V ~ 7 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface Mount	Interface	Parallel
ApplicationsGeneral PurposeCurrent - Output $1A$ Voltage - Supply $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $2 \text{ V} \sim 7 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Mounting TypeSurface Mount	Technology	Power MOSFET
Current - Output $1A$ Voltage - Supply $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $2 \text{ V} \sim 7 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Mounting TypeSurface Mount	Step Resolution	-
Voltage - Supply $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $2 \text{ V} \sim 7 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 150^{\circ}\text{C (TJ)}$ Mounting Type Surface Mount	Applications	General Purpose
Voltage - Load $2 \text{ V} \sim 7 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Mounting Type Surface Mount	Current - Output	1A
Operating Temperature -20°C ~ 150°C (TJ)  Mounting Type Surface Mount	Voltage - Supply	2.7 V ~ 5.5 V
Mounting Type Surface Mount	Voltage - Load	2 V ~ 7 V
	Operating Temperature	-20°C ~ 150°C (TJ)
Package / Case 16-UFQFN Exposed Pad	Mounting Type	Surface Mount
	Package / Case	16-UFQFN Exposed Pad
Supplier Device Package 16-UQFN-EP (3x3)	Supplier Device Package	16-UQFN-EP (3x3)
Report errors?		Report errors?

### **MC34933EP 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.

# MC34933EP Payment Methods



















### MC34933EP Shipping Methods













If you have any question about MC34933EP, please do not hesitate to contact us!

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