



### **MA100GQ-P Information**

Heisener.com

Part Number MA100GQ-P

Manufacturer Monolithic Power Systems Inc.

Category Sensors, Transducers

Position Sensors - Angle, Linear Position Measuring

SENSOR COMMUNICATION FOR MOTOR **Description** 

**Package** 

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

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.









### **MA100GQ-P Specifications**

Manufacturer Part Number     MA 100 GQ-P       Manufacturer     Monolithic Power Systems Inc.       Category     Sensors, Transducers       Package     -       Series     -       For Measuring     Angle       Technology     Hall Effect       Rotation Angle - Electrical, Mechanical     -       Linear Range     -       Output     SPI       Output Signal     -       Actuator Type     External Magnet Not Included       Linearity     -       Resistance     -       Resistance Tolerance     -       Voltage - Supply     3 V ~ 3.6 V       Mounting Type     Surface Mount       Termination Style     SMD (SMT) Tab       Operating Temperature     -40°C ~ 125°C		
Category       Sensors, Transducers         Position Sensors - Angle, Linear Position Measuring         Package       -         Series       -         For Measuring       Angle         Technology       Hall Effect         Rotation Angle - Electrical, Mechanical       -         Linear Range       -         Output       SPI         Output Signal       -         Actuator Type       External Magnet Not Included         Linearity       -         Resistance       -         Resistance Tolerance       -         Voltage - Supply       3 V ~ 3.6 V         Mounting Type       Surface Mount         Termination Style       SMD (SMT) Tab         Operating Temperature       -40°C ~ 125°C	Manufacturer Part Number	MA100GQ-P
Package - Series - For Measuring Angle Technology Hall Effect Rotation Angle - Electrical, Mechanical Linear Range Output SPI Output Signal Actuator Type External Magnet Not Included Linearity Resistance Resistance Resistance Tolerance Voltage - Supply Mounting Type Surface Mount Termination Style Operating Temperature	Manufacturer	Monolithic Power Systems Inc.
Package - Series	Category	Sensors, Transducers
Series-For MeasuringAngleTechnologyHall EffectRotation Angle - Electrical, Mechanical-Linear Range-OutputSPIOutput Signal-Actuator TypeExternal Magnet Not IncludedLinearity-Resistance-Resistance Tolerance-Voltage - Supply3 V ~ 3.6 VMounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature-40°C ~ 125°C		Position Sensors - Angle, Linear Position Measuring
For Measuring Technology Hall Effect  Rotation Angle - Electrical, Mechanical Linear Range - Output SPI Output Signal - Actuator Type External Magnet Not Included Linearity - Resistance Resistance - Resistance Tolerance Voltage - Supply Mounting Type Surface Mount Termination Style Operating Temperature  Angle Angle Hall Effect - Hall Effect -  Rall Effect -  Autuator SPI  -  External Magnet Not Included -  Ext	Package	-
Technology Rotation Angle - Electrical, Mechanical  Linear Range - Output SPI Output Signal - Actuator Type External Magnet Not Included Linearity - Resistance Resistance - Resistance Tolerance - Voltage - Supply 3 V ~ 3.6 V Mounting Type Surface Mount Termination Style Operating Temperature - 40°C ~ 125°C	Series	-
Rotation Angle - Electrical, Mechanical  Linear Range  Output  SPI  Output Signal  Actuator Type  External Magnet Not Included  Linearity  Resistance  -  Resistance  Resistance Tolerance  Voltage - Supply  Mounting Type  Surface Mount  Termination Style  Operating Temperature  -  Control of the American Supplication of the American S	For Measuring	Angle
Linear Range Output SPI Output Signal - Actuator Type External Magnet Not Included Linearity - Resistance - Resistance - Voltage - Supply 3 V ~ 3.6 V Mounting Type Surface Mount Termination Style Operating Temperature - SPI - Surface Mount Style - SMD (SMT) Tab40°C ~ 125°C	Technology	Hall Effect
Output Signal - Actuator Type External Magnet Not Included Linearity - Resistance - Resistance Tolerance - Voltage - Supply 3 V ~ 3.6 V Mounting Type Surface Mount Termination Style SMD (SMT) Tab Operating Temperature -40°C ~ 125°C	Rotation Angle - Electrical, Mechanical	-
Output Signal - Actuator Type External Magnet Not Included  Linearity - Resistance - Resistance Tolerance - Voltage - Supply 3 V ~ 3.6 V  Mounting Type Surface Mount  Termination Style SMD (SMT) Tab Operating Temperature -40°C ~ 125°C	Linear Range	-
Actuator Type External Magnet Not Included  Linearity - Resistance - Resistance Tolerance - Voltage - Supply 3 V ~ 3.6 V  Mounting Type Surface Mount  Termination Style SMD (SMT) Tab  Operating Temperature -40°C ~ 125°C	Output	SPI
Linearity-Resistance-Resistance Tolerance-Voltage - Supply $3 \text{ V} \sim 3.6 \text{ V}$ Mounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Output Signal	-
Resistance Tolerance - Voltage - Supply 3 V ~ 3.6 V  Mounting Type Surface Mount  Termination Style SMD (SMT) Tab  Operating Temperature -40°C ~ 125°C	Actuator Type	External Magnet Not Included
Resistance Tolerance  Voltage - Supply  3 V ~ 3.6 V  Mounting Type  Surface Mount  Termination Style  Operating Temperature  -40°C ~ 125°C	Linearity	-
Voltage - Supply $3 \text{ V} \sim 3.6 \text{ V}$ Mounting Type Surface Mount Termination Style SMD (SMT) Tab Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Resistance	-
Mounting Type Surface Mount  Termination Style Operating Temperature Surface Mount  SMD (SMT) Tab  -40°C ~ 125°C	Resistance Tolerance	-
Termination Style SMD (SMT) Tab  Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Voltage - Supply	3 V ~ 3.6 V
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Mounting Type	Surface Mount
	Termination Style	SMD (SMT) Tab
Report errors?	Operating Temperature	-40°C ~ 125°C
*		Report errors?

### **MA100GQ-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.

# **MA100GQ-P Payment Methods**



















# **MA100GQ-P Shipping Methods**













If you have any question about MA100GQ-P, please do not hesitate to contact us!

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