

AMIS30622C6228RG

AMIS30622C6228RG Information





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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.



AMIS30622C6228RG Specifications

Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers PMIC - Motor Drivers, Controllers Package 32-VQFN Exposed Pad Series - Motor Type - Stepper Bipolar Motor Type - AC, DC - Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (4) Interface I2C Technology - Step Resolution - Applications General Purpose Current - Output 570mA Voltage - Supply 6.5 V ~ 29 V Voltage - Load 6.5 V ~ 29 V Operating Temperature 40°C ~ 165°C (TJ) Mounting Type Surface Mount Package / Case 32-VQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)PAtkage32-VQFN Exposed PadPackage32-VQFN Exposed PadSeries-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceI2CPensolution-Step Resolution-ApplicationsGeneral PurposeCurrent - Output570mAVoltage - Supply6.5 V ~ 29 VVoltage - Load6.5 V ~ 29 VOperating Temperature-40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Manufacturer Part Number	AMIS30622C6228RG
PMIC - Motor Drivers, ControllersPackage32-VQFN Exposed PadSeries-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceI2CTechnology-Step Resolution-ApplicationsGeneral PurposeCurrent - Output570mAVoltage - Supply6.5 V ~ 29 VVoltage - Load6.5 V ~ 29 VOperating Temperature-40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Manufacturer	ON Semiconductor
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Series-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceI2CTechnology-Step Resolution-ApplicationsGeneral PurposeCurrent - Output570mAVoltage - Supply6.5 V ~ 29 VVoltage - Load6.5 V ~ 29 VOperating TemperatureAurica Control String ControlPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)		PMIC - Motor Drivers, Controllers
Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceI2CTechnology-Step Resolution-ApplicationsGeneral PurposeCurrent - Output570mAVoltage - Supply6.5 V ~ 29 VVoltage - Load6.5 V ~ 29 VOperating Temperature40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Package	32-VQFN Exposed Pad
Motor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceI2CTechnology-Step Resolution-ApplicationsGeneral PurposeOutrent - Output570mAVoltage - Supply6.5 V ~ 29 VVoltage - Load6.5 V ~ 29 VOperating Temperature-40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Series	-
FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceI2CTechnology-Step Resolution-ApplicationsGeneral PurposeCurrent - Output570mAVoltage - Supply6.5 V ~ 29 VVoltage - Load6.5 V ~ 29 VOperating Temperature-40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Motor Type - Stepper	Bipolar
Output ConfigurationHalf Bridge (4)InterfaceI2CTechnology-Step Resolution-ApplicationsGeneral PurposeCurrent - Output570mAVoltage - Supply6.5 V ~ 29 VVoltage - Load6.5 V ~ 29 VOperating Temperature-40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Motor Type - AC, DC	-
InterfaceI2CTechnology-Step Resolution-ApplicationsGeneral PurposeCurrent - Output570mAVoltage - Supply6.5 V ~ 29 VVoltage - Load6.5 V ~ 29 VOperating Temperature-40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Function	Driver - Fully Integrated, Control and Power Stage
Technology-Step Resolution-ApplicationsGeneral PurposeCurrent - Output570mAVoltage - Supply6.5 V ~ 29 VVoltage - Load6.5 V ~ 29 VOperating Temperature-40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Output Configuration	Half Bridge (4)
Step Resolution-ApplicationsGeneral PurposeCurrent - Output570mAVoltage - Supply6.5 V ~ 29 VVoltage - Load6.5 V ~ 29 VOperating Temperature-40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Interface	I2C
ApplicationsGeneral PurposeCurrent - Output570mAVoltage - Supply6.5 V ~ 29 VVoltage - Load6.5 V ~ 29 VOperating Temperature-40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Technology	-
Current - Output570mAVoltage - Supply6.5 V ~ 29 VVoltage - Load6.5 V ~ 29 VOperating Temperature-40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Step Resolution	-
Voltage - Supply $6.5 V \sim 29 V$ Voltage - Load $6.5 V \sim 29 V$ Operating Temperature $-40^{\circ}C \sim 165^{\circ}C$ (TJ)Mounting TypeSurface MountPackage / Case 32 -VQFN Exposed PadSupplier Device Package 32 -NQFP (7x7)	Applications	General Purpose
Voltage - Load6.5 V ~ 29 VOperating Temperature-40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Current - Output	570mA
Operating Temperature-40°C ~ 165°C (TJ)Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Voltage - Supply	6.5 V ~ 29 V
Mounting TypeSurface MountPackage / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Voltage - Load	6.5 V ~ 29 V
Package / Case32-VQFN Exposed PadSupplier Device Package32-NQFP (7x7)	Operating Temperature	-40°C ~ 165°C (TJ)
Supplier Device Package32-NQFP (7x7)	Mounting Type	Surface Mount
	Package / Case	32-VQFN Exposed Pad
Report errors?	Supplier Device Package	32-NQFP (7x7)
		Report errors?

AMIS30622C6228RG 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

AMIS30622C6228RG Payment Methods



If you have any question about AMIS30622C6228RG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com