

L6230Q

L6230Q Information



Part Number	L6230Q	
Manufacturer	STMicroelectronics	
Category	Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers	
Description	IC MOTOR DRIVER PAR 32VFQFPN	
Package	32-VFQFN 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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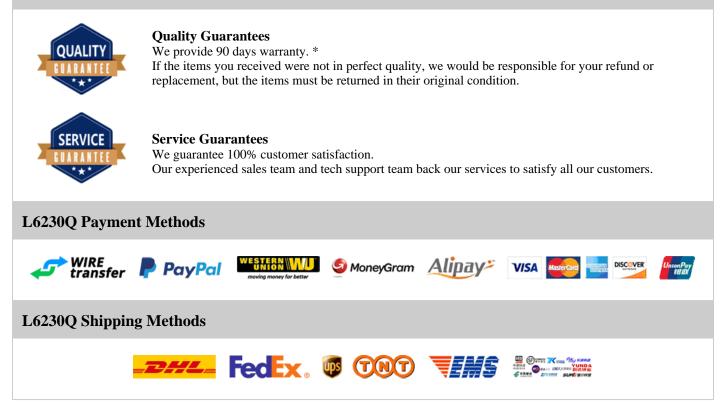
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L6230Q Specifications

ManufacturerSTMicrolectronicsCategoryIntegrated Circuits (ICs)PMIC - Motor Drivers, ControllersPackage32-VFQFN Exposed PadSeries-Motor Type - Stepper-Motor Type - AC, DCBrushless DC (BLDC)FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (3)InterfaceParallelTechnologyOMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)		
CategoryIntegrated Circuits (ICs)Package32-VFQFN Exposed PadPackage32-VFQFN Exposed PadSeries-Motor Type - Stepper-Motor Type - AC, DCBrushless DC (BLDC)FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (3)InterfaceParallelTechnologyDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFPN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Manufacturer Part Number	L6230Q
PMIC - Motor Drivers, ControllersPackage32-VFQFN Exposed PadSeries-Motor Type - Stepper-Motor Type - AC, DCBrushless DC (BLDC)FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (3)InterfaceParallelTechnologyDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Manufacturer	STMicroelectronics
Package32-VFQFN Exposed PadSeries-Motor Type - Stepper-Motor Type - AC, DCBrushless DC (BLDC)FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (3)InterfaceParallelTechnologyDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFPN (5x5)	Category	Integrated Circuits (ICs)
Series-Motor Type - Stepper-Motor Type - AC, DCBrushless DC (BLDC)FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (3)InterfaceParallelTechnologyDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQEPN (5x5)		PMIC - Motor Drivers, Controllers
Motor Type - Stepper-Motor Type - AC, DCBrushless DC (BLDC)FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (3)InterfaceParallelTechnologyDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Package	32-VFQFN Exposed Pad
Motor Type - AC, DCBrushless DC (BLDC)FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (3)InterfaceParallelTechnologyDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFPN (5x5)	Series	-
FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (3)InterfaceParallelTechnologyDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Motor Type - Stepper	-
Output ConfigurationHalf Bridge (3)InterfaceParallelTechnologyDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Motor Type - AC, DC	Brushless DC (BLDC)
InterfaceParallelTechnologyDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Function	Driver - Fully Integrated, Control and Power Stage
TechnologyDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Output Configuration	Half Bridge (3)
Step Resolution-ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Interface	Parallel
ApplicationsGeneral PurposeCurrent - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Technology	DMOS
Current - Output1.4AVoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Step Resolution	-
Yoltage - Supply8 V ~ 52 VVoltage - Load8 V ~ 52 VOperating Temperature-25°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Applications	General Purpose
Voltage - Load8 V ~ 52 VOperating Temperature-25°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Current - Output	1.4A
Operating Temperature-25°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Voltage - Supply	8 V ~ 52 V
Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Voltage - Load	8 V ~ 52 V
Package / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Operating Temperature	-25°C ~ 125°C (TJ)
Supplier Device Package32-VFQFPN (5x5)	Mounting Type	Surface Mount
	Package / Case	32-VFQFN Exposed Pad
Report errors?	Supplier Device Package	32-VFQFPN (5x5)
		Report errors?

L6230Q Guarantees



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