

АТА6830-РКН

ATA6830-PKH Information

www.ensener.com	Part Number	ATA6830-PKH	
	Manufacturer	Microchip Technology	- F
	Category	Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers	Ē
	Description	IC MOTOR DRIVER SER 28QFN	l Ø
	Package	28-VQFN Exposed Pad	
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	I



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ATA6830-PKH Specifications

Manufacturer Microchip Technology Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers Package 28-VQFN Exposed Pad Series - Motor Type - Stepper Bipolar Motor Type - AC, DC - Function Driver - Fully Integrated, Control and Power Stage Nutper Configuration Half Bridge (4) Step Resolution - Applications Serial Current - Output 1.1A Voltage - Supply 7 V ~ 20 V Voltage - Load 7 V ~ 20 V Operating Temperature 40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case Surface Mount			
CategoryIntegrated Circuits (ICs)PMIC - Motor Drivers, ControllersPackage28-VQFN Exposed PadSeries-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSerialStep Resolution-ApplicationsAutomotiveCurrent - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Manufacturer Part Number	ATA6830-PKH	
PMIC - Motor Drivers, ControllersPackage28-VQFN Exposed PadSeries-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSerialTechnologyNMOS, PMOSStep Resolution-ApplicationsAutomotiveCurrent - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Manufacturer	Microchip Technology	
Package28-VQFN Exposed PadSeries-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSerialTechnologyNMOS, PMOSStep Resolution-ApplicationsAutomotiveCurrent - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VVoltage - Load24°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-QFN (zx7)	Category	Integrated Circuits (ICs)	
Series-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSerialTechnologyNMOS, PMOSStep Resolution-ApplicationsMotortiveCurrent - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating TemperatureSurface MountPackage / CaseSerVeFNExposed PadSupplier Device Package28-QFN (7x7)		PMIC - Motor Drivers, Controllers	
Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSerialTechnologyNMOS, PMOSStep Resolution-ApplicationsAutomotiveCurrent - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Package	28-VQFN Exposed Pad	
Motor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSerialTechnologyNMOS, PMOSStep Resolution-ApplicationsAutomotiveCurrent - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Series	-	
FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSerialTechnologyNMOS, PMOSStep Resolution-ApplicationsAutomotiveCurrent - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Motor Type - Stepper	Bipolar	
Output ConfigurationHalf Bridge (4)InterfaceSerialTechnologyNMOS, PMOSStep Resolution-ApplicationsAutomotiveCurrent - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Motor Type - AC, DC	-	
InterfaceSerialTechnologyNMOS, PMOSStep Resolution-ApplicationsAutomotiveCurrent - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Function	Driver - Fully Integrated, Control and Power Stage	
TechnologyNMOS, PMOSStep Resolution-ApplicationsAutomotiveCurrent - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Output Configuration	Half Bridge (4)	
Step Resolution-ApplicationsAutomotiveCurrent - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Interface	Serial	
ApplicationsAutomotiveCurrent - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Technology	NMOS, PMOS	
Current - Output1.1AVoltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Step Resolution	-	
Voltage - Supply7 V ~ 20 VVoltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Applications	Automotive	
Voltage - Load7 V ~ 20 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Current - Output	1.1A	
Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Voltage - Supply	7 V ~ 20 V	
Mounting TypeSurface MountPackage / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Voltage - Load	7 V ~ 20 V	
Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (7x7)	Operating Temperature	-40°C ~ 150°C (TJ)	
Supplier Device Package28-QFN (7x7)	Mounting Type	Surface Mount	
	Package / Case	28-VQFN Exposed Pad	
Report errors?	Supplier Device Package	28-QFN (7x7)	
		Report errors?	

ATA6830-PKH 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

Service Guarantees

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

ATA6830-PKH Payment Methods



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