

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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Certified Quality

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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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If you have any question about ATA6830-PKH, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com