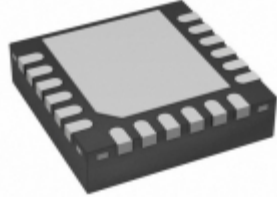


ATA6831N-PIQW





Part Number: [ATA6831N-PIQW](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MOTOR DRIVER SER 18QFN

Data sheet:

RoHs Status: Lead free / RoHS Compliant

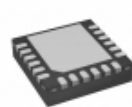
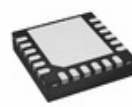
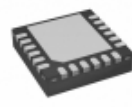
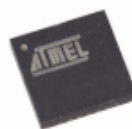
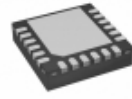
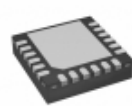
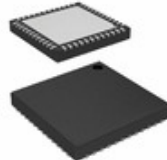
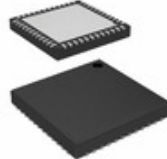
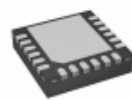
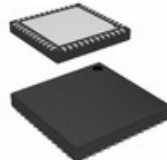
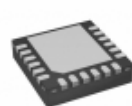
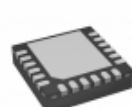
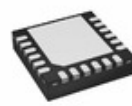
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATA6831N-PIQW	Manufacturer	Micrel / Microchip Technology
Description	IC MOTOR DRIVER SER 18QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5312 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply	4.75 V ~ 5.25 V
Voltage - Load	5.6 V ~ 40 V	Technology	Power MOSFET
Supplier Device Package	18-VQFN (4x4)	Step Resolution	-
Series	-	Packaging	Tape & Reel (TR)
Package / Case	18-VFQFN Exposed Pad	Output Configuration	Half Bridge (3)
Operating Temperature	-40°C ~ 150°C (TJ)	Mounting Type	Surface Mount
Motor Type - Stepper	-	Motor Type - AC, DC	Brushed DC
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Interface	PWM, SPI	Function	Driver - Fully Integrated, Control and Power Stage
Detailed Description	Motor Driver Power MOSFET PWM, SPI 18-VQFN (4x4)	Current - Output	1A
Base Part Number	ATA6831	Applications	General Purpose
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RELATED PRODUCTS			
	Part#: ATA6832C-PIQW Description: IC MOTOR DRIVER SPI 18QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATA6829-T3SY Description: IC DRIVER TRPL HALFBRIDGE 16PSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6828-T2SY Description: IC DRIVER TRPL HALFBRIDGE 14PSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6833C-PLQW-1 Description: IC MOTOR CONTROLLER PAR 48VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6832C-PIQW-1 Description: IC HALF-BRIDGE DRVR SPI 18QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6832-PIQW Description: IC MOTOR DRIVER SPI 18QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6834-DK Description: BOARD BLDC MOTOR CTRL ATA6833/34	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6830-PKH Description: IC MOTOR DRIVER SER 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6831-PISW Description: IC DVR HALF BRIDGE SPI/PWM 18QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6832N-PIQW Description: IC MOTOR DRIVER SPI 18QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6832-DK Description: BOARD EVALUATION FOR ATA6832	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6834-PLQW Description: IC MOTOR CONTROLLER PAR 48VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6833C-PLQW Description: IC MOTOR CONTROLLER PAR 48VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6831C-PIQW Description: IC MOTOR DRIVER SER 18QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6831-DK Description: KIT DEVELOPMENT FOR ATA6831	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6833-PLQW Description: IC MOTOR CONTROLLER PAR 48VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6831-PIQW Description: IC DVR TRPL HALF SPI/PWM 18-QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6831-PIPW Description: IC DVR TRPL HALF SPI/PWM 18-QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATA6831C-PIQW-1 Description: IC MOTOR DRIVER SER 18QFN	Manufacturers: Micrel / Microchip Technology	RFQ

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