



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATA6831C-PIQW-1

Part Number:	ATA6831C-PIQW-1
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MOTOR DRIVER SER 18QFN
Datasheets:	 ATA6831C-PIQW-1.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

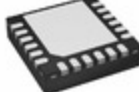
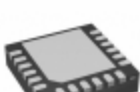
Specifications of ATA6831C-PIQW-1

PART NUMBER	ATA6831C-PIQW-1
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MOTOR DRIVER SER 18QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATA6831C-PIQW-1.pdf
VOLTAGE - SUPPLY	4.75 V ~ 5.25 V
VOLTAGE - LOAD	5.6 V ~ 40 V
TECHNOLOGY	Power MOSFET
SUPPLIER DEVICE PACKAGE	18-QFN (4x4)
SERIES	-
RDS ON (TYP)	800 mOhm LS, 800 mOhm HS
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	18-VFQFN Exposed Pad
OUTPUT CONFIGURATION	Half Bridge (3)
OTHER NAMES	ATA6831C-PIQW-1-ND ATA6831C-PIQW-1TR
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LOAD TYPE	Inductive, Capacitive, Resistive
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERFACE	PWM, SPI
FEATURES	-
FAULT PROTECTION	Open Load Detect, Over Temperature, Short Circuit, UVLO
DETAILED DESCRIPTION	Half Bridge (3) Driver Bulbs, DC Motors, Resistors Power MOSFET 18-QFN (4x4)
CURRENT - PEAK OUTPUT	-
CURRENT - OUTPUT / CHANNEL	1A
BASE PART NUMBER	ATA6831
APPLICATIONS	Bulbs, DC Motors, Resistors

Related Tags

Micrel / Microchip Technology ATA6831C-PIQW-1	ATA6831C-PIQW-1 Distributor	ATA6831C-PIQW-1 Supplier
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Related Products

 ATA6832C-PIQW-1 Manufacturers: Microchip Technology Description: IC HALF-BRIDGE DRVR SPI 18QFN In stock: Out stock RFQ	 ATA6831N-PIQW Manufacturers: Micrel / Microchip Technology Description: IC MOTOR DRIVER SER 18QFN In stock: Out stock RFQ
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