

AP1012A



AKM ASAH KASEI MICRODEVICES CORPORATION

Part Number: [AP1012A](#)

Manufacturer: [Asahi Kasei Microdevices / AKM Semiconductor](#)

Description: IC MOTOR DRIVER 18V 24QFN

Data sheet:  [AP1012A](#)

RoHs Status: Lead free / RoHS Compliant

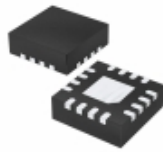
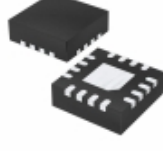
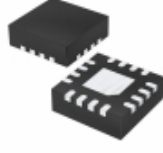
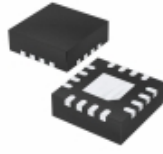
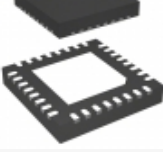
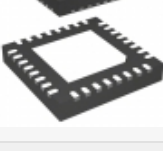
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AP1012A	Manufacturer	Asahi Kasei Microdevices / AKM Semiconductor
Description	IC MOTOR DRIVER 18V 24QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	101534 pcs	Data sheet	AP1012A
Category	Integrated Circuits (ICs)	Voltage - Supply	2.7 V ~ 5.5 V
Voltage - Load	2 V ~ 18 V	Technology	Power MOSFET
Supplier Device Package	24-QFN (4x4)	Series	-
Rds On (Typ)	180 mOhm LS, 180 mOhm HS	Packaging	Tape & Reel (TR)
Package / Case	24-WFQFN Exposed Pad	Output Configuration	Half Bridge (4)
Other Names	AP1012A L AP1012A-L AP1012A-ND AP1012ATR	Operating Temperature	-30°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 Weeks	Load Type	Inductive
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	Logic
Features	-	Fault Protection	Over Temperature, UVLO
Detailed Description	Half Bridge (4) Driver General Purpose Power MOSFET 24-QFN (4x4)	Current - Peak Output	3A
Current - Output / Channel	1.3A	Applications	General Purpose
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	Part#: AP101 7R5 J Description: RES 7.5 OHM 100W 5% TO-247	Manufacturers: Ohmite	RFQ
	Part#: AP1010AEN Description: IC DVR 2CH H-BRIDGE 18V 16QFN	Manufacturers: Asahi Kasei Microdevices / AKM Semiconductor	RFQ
	Part#: AP101 8R2 J Description: RES 8.2 OHM 100W 5% TO-247	Manufacturers: Ohmite	RFQ
	Part#: AP101 R5 J Description: RES 0.5 OHM 100W 5% TO-247	Manufacturers: Ohmite	RFQ
	Part#: AP1016AEN Description: IC MOTOR DRIVER 9V 16QFN	Manufacturers: Asahi Kasei Microdevices / AKM Semiconductor	RFQ
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	Part#: AP1013DEN Description: IC MOTOR DRIVER 18V 16QFN	Manufacturers: Asahi Kasei Microdevices / AKM Semiconductor	RFQ
	Part#: AP1014AEC Description: IC MOTOR DRIVER 7V 16WCSP	Manufacturers: Asahi Kasei Microdevices / AKM Semiconductor	RFQ
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	Part#: AP1021AEN Description: IC MOTOR DRIVER 28V 32QFN	Manufacturers: Asahi Kasei Microdevices / AKM Semiconductor	RFQ
	Part#: AP101 R05 J Description: RES 0.05 OHM 100W 5% TO-247	Manufacturers: Ohmite	RFQ
	Part#: AP1023AEN Description: IC MOTOR DRIVER 7V 24QFN	Manufacturers: Asahi Kasei Microdevices / AKM Semiconductor	RFQ
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	Part#: AP1021 Description: 18 - 60VAC/DC PS	Manufacturers: Carlo Gavazzi	RFQ
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	Part#: AP101 8K2 J Description: RES 8.2K OHM 100W 5% TO-247	Manufacturers: Ohmite	RFQ
	Part#: AP1025BEN Description: IC MOTOR DRIVER 45V 32QFN	Manufacturers: Asahi Kasei Microdevices / AKM Semiconductor	RFQ

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