





AY0438-I/L

Manufacturer Part Number	AY0438-I/L
Manufacturer	Microchip Technology
Allelco Part Number	32D-AY0438-I/L
ECAD Model	 PCB Footprint and Symbol
Parts Description	IC DRVR 32 SEGMENT 44PLCC
Package	44-LCC (J-Lead)
Data sheet	Analog and Interface Product Guide.pdf AY0438.pdf
RoHS Status	 ROHS3 Compliant



Get a Quote

AY0438-I/L - Microchip Technology. New Original in Stock. Download Linear Technology AY0438-I/L datasheet/specifications on AllelcoElec.com.
Request a quote for AY0438-I/L, please send us email: info@allelco.com




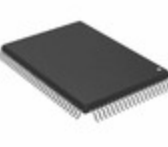
Specifications

AY0438-I/L Tech Specifications
AY0438-I/L - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Mounting Type	Surface Mount
Voltage - Supply	3V ~ 8.5V	Interface	Parallel
Supplier Device Package	44-PLCC (16.59x16.59)	Display Type	LCD
Series	-	Digits or Characters	16 Characters
Package / Case	44-LCC (J-Lead)	Current - Supply	25 µA
Package	Tube	Configuration	32 Segment
Operating Temperature	-40°C ~ 85°C	Base Product Number	AY0438

Parts with Similar Specifications



The three parts on the right have similar specifications to Microchip Technology AY0438-I/L

Product Attribute	 NO PICTURE			
Part Number	AY0438-I/L	MAX7219CWG+T	MAX7221CWG+T	LC75813ES-E
Manufacturer	Microchip Technology	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	onsemi
Interface	Parallel	4-Wire Serial	4-Wire Serial	Serial
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tray
Supplier Device Package	44-PLCC (16.59x16.59)	24-SOIC	24-SOIC	100-QIPE (20x14)
Configuration	32 Segment	7 Segment + DP	7 Segment + DP	261 Segment, 344 Segment
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Supply	25 µA	330 mA	330 mA	250 µA
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	0°C ~ 70°C	-40°C ~ 85°C
Series	-	-	-	-
Base Product Number	AY0438	MAX7219	MAX7221	LC75813
Voltage - Supply	3V ~ 8.5V	4V ~ 5.5V	4V ~ 5.5V	2.7V ~ 6V
Display Type	LCD	LED	LED	LCD
Package / Case	44-LCC (J-Lead)	24-SOIC (0.295", 7.50mm Width)	24-SOIC (0.295", 7.50mm Width)	100-BQFP
Digits or Characters	16 Characters	8 Digits	8 Digits	-



AY0438-I/L Datasheet PDF

Download AY0438-I/L pdf datasheets and Microchip Technology documentation for AY0438-I/L - Microchip Technology.


Datasheets

 Analog and Interface Product Guide.pdf	 AY0438.pdf
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PCN Packaging

 Label and Packing Changes 23/Sep/2015.pdf	 Packing Changes 10/Oct/2016.pdf
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Other Related Documents

 Development Tools Catalog.pdf

PCN Assembly/Origin

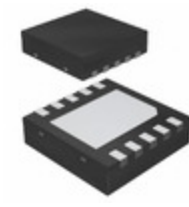
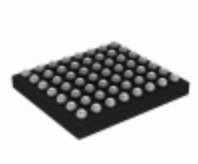
 Lead Frame 22/Dec/2021.pdf
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Customers Also Interested in

Recommended Products

**MAX7219CWG+T**Analog Devices Inc./Maxim Integrated
IC DRVR 7 SEGMENT 8 DIGIT 24SOIC**AY0438/P001**

Micrel / Microchip Technology

**MAX7221CWG+T**Analog Devices Inc./Maxim Integrated
IC DRVR 7 SEGMENT 8 DIGIT 24SOIC**LC75813ES-E**onsemi
IC DRVR 261/344 SEGMENT 100QIPE**TPS65137ADSCR**Texas Instruments
IC DRVR DISPLAY MATRIX 10WSON**LC75816WS-8722-E**onsemi
IC DRVR 65 SEG 12/13 DGT 100SQFP**AY0438-I/P**Microchip Technology
IC DRVR 32 SEGMENT 40DIP**AY0438T-I/L**Microchip Technology
IC DRVR 32 SEGMENT 44PLCC**TLC7135CDWRG4**Texas Instruments
IC DRVR 4 1/2 DIGIT 28SOIC**ICM7211AMIPL**Renesas Electronics America Inc
IC DRVR 7 SEGMENT 4 DIGIT 40DIP**TC14433EJG**Microchip Technology
IC DRVR 7 SEG 3 1/2 DGT 24CERDIP**BU97931FV-E2**Rohm Semiconductor
IC DRVR DOT MATRIX 40SSOPB**STLED524**STMicroelectronics
IC DRVR DOT MATRIX 56CSP**CD74HC4511M**Texas Instruments
IC DRVR 7 SEGMENT 1 DIGIT 16SOIC**LC75827E-E**Fairchild Semiconductor
1/3 DUTY GENERAL PURPOSE LCD DRI**TSL1014IYFT**STMicroelectronics
IC DRVR 14+1 CHAN BUFFER 48TQFP**AS1106PE**ams OSRAM
IC DRVR 7 SEGMENT 8 DIGIT 24DIP**M5451QT**STMicroelectronics
IC LED DISPL DRVR 4/5 DGT 44PLCC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

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Certifications & Memberships



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