



Image may be representation.  
See specifications for product details.



## ATF1508AS-10QU100

Manufacturer Part Number	<b>ATF1508AS-10QU100</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-ATF1508AS-10QU100
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 128MC 10NS 100QFP
Package	100-BQFP
Data sheet	<b>ATF1508AS(L).pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

ATF1508AS-10QU100 - Microchip Technology. New Original in Stock. Download Linear Technology ATF1508AS-10QU100 datasheet/specifications on AllelcoElec.com. Request a quote for ATF1508AS-10QU100, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ATF1508AS-10QU100 Tech Specifications  
ATF1508AS-10QU100 - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 85°C (TA)
Voltage Supply - Internal	4.5V ~ 5.5V	Number of Macrocells	128
Supplier Device Package	100-PQFP (14x20)	Number of I/O	80
Series	ATF15xx	Mounting Type	Surface Mount
Programmable Type	In System Programmable (min 10K program/erase cycles)	Delay Time tpd(1) Max	10 ns
Package / Case	100-BQFP	Base Product Number	ATF1508
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATF1508AS-10QU100

Product Attribute				
Part Number	ATF1508AS-10QU100	<b>ATF1508AS-15JI84</b>	<b>ATF1508AS-10AU100</b>	<b>ATF1508AS-15JC84</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	100-BQFP	84-LCC (J-Lead)	100-TQFP	84-LCC (J-Lead)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Number of Macrocells	128	128	128	128
Package	Tray	Tube	Tray	Tube
Number of I/O	80	64	80	64
Delay Time tpd(1) Max	10 ns	15 ns	10 ns	15 ns
Supplier Device Package	100-PQFP (14x20)	84-PLCC (29.31x29.31)	100-TQFP (14x14)	84-PLCC (29.31x29.31)
Voltage Supply - Internal	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.75V ~ 5.25V
Base Product Number	ATF1508	ATF1508AS	ATF1508	ATF1508AS
Series	ATF15xx	ATF15xx	ATF15xx	ATF15xx
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Programmable Type	In System Programmable (min 10K program/erase cycles)	In System Programmable (min 10K program/erase cycles)	In System Programmable (min 10K program/erase cycles)	In System Programmable (min 10K program/erase cycles)

### ATF1508AS-10QU100 Datasheet PDF

Download ATF1508AS-10QU100 pdf datasheets and Microchip Technology documentation for ATF1508AS-10QU100 - Microchip Technology.

#### Datasheets

[ATF1508AS\(L\).pdf](#)

#### PCN Packaging

[Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf](#)

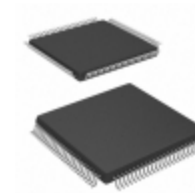
[Boxes 07/Dec/2016.pdf](#)

#### PCN Design/Specification

[Marking Chgs 11/Jul/2017.pdf](#)

### Customers Also Interested in

#### Recommended Products



**ATF1508AS-15JI84**  
Microchip Technology  
IC CPLD 128MC 15NS 84PLCC

**ATF1508AS-15JC**  
Atmel (Microchip Technology)

**ATF1508AS-10AU100**  
Microchip Technology  
IC CPLD 128MC 10NS 100TQFP

**ATF1508AS-15JC84**  
Microchip Technology  
IC CPLD 128MC 15NS 84PLCC

**ATF1504ASVL-20AI100**  
Microchip Technology  
IC CPLD 64MC 20NS 100TQFP

**ATF1508AS-15JU84**  
Atmel (Microchip Technology)

**ATF1504BE-7AU100**Microchip Technology  
IC CPLD 64MC 7.5NS 100TQFP**ATF1508AS-15AC100**Microchip Technology  
IC CPLD 128MC 15NS 100TQFP**ATF1508AS-10QC100**Microchip Technology  
IC CPLD 128MC 10NS 100QFP**ATF1508AS-10AI100**Microchip Technology  
IC CPLD 128MC 10NS 100TQFP**ATF1508AS-10JU84**Microchip Technology  
IC CPLD 128MC 10NS 84PLCC**ATF1508AS-15QC100**Microchip Technology  
IC CPLD 128MC 15NS 100QFP**ATF1508AS**

Atmel (Microchip Technology)

**ATF1508AS-15AC100**Atmel  
IC CPLD 128MC 15NS 100TQFP**ATF1508AS-10AAI128**Microchip Technology  
IC CPLD 128MC 10NS**ATF1504ASVL-20AU44**Microchip Technology  
IC CPLD 64MC 20NS 44TQFP**ATF1508AS-7JC84**Microchip Technology  
IC CPLD 128MC 7.5NS 84PLCC**ATF1508AS-10JC84**Microchip Technology  
IC CPLD 128MC 10NS 84PLCC

## 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

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



[View More](#)



## Contact us

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