



To: Worldwide Atmel Sales Managers, Representatives, and Distributors
From: Forrest Huff, EPLD Tactical Marketing Manager (408) 451-2843
Date: January 17, 1997

AT22LV10 AND AT22LV10L MILITARY PRODUCT OBSOLESCENCE NOTICE

Effective immediately, Atmel is obsoleting all military grade products in the AT22LV10 and AT22LV10L product families. This includes military temperature, Mil-STD-883 and DESC marked products. Commercial grade and industrial grade plastic versions will still be offered. Usage of low-voltage military programmable products has been minimal. Currently we have no backlog for these products and anticipate minimal impact on customers. If you are concerned about a particular customer situation, please contact the EPLD marketing group and we will work together to find a resolution.

The part numbers listed below are obsolete effective immediately:

NOW OBSOLETE:

AT22LV10-25DM	AT22LV10-25DM/883
AT22LV10-25GM	AT22LV10-25GM/883
AT22LV10-25LM	AT22LV10-25LM/883
AT22LV10-25NM	AT22LV10-25NM/883
AT22LV10L-30DM	AT22LV10L-30DM/883
AT22LV10L-30GM	AT22LV10L-30GM/883
AT22LV10L-30LM	AT22LV10L-30LM/883
AT22LV10L-30NM	AT22LV10L-30NM/883

All DESC equivalents

Remember: This obsolescence notice involves **only military-grade, low-voltage 22V10 products**. Commercial and industrial grade plastic low-voltage 22V10 products will still be offered. Standard 5 volt 22V10 products are still available in military grade.



To: Worldwide Atmel Sales Managers, Representatives, and Distributors
From: Forrest Huff, EPLD Tactical Marketing Manager (408) 451-2843
Date: September 27, 1996

LAST TIME BUY FOR AT22V10 AND AT22V10L -Replace with ATF22V10B/BQL

With full availability of both commercial and military versions of the EE-based ATF22V10B/BQL, Atmel is announcing the obsolescence of the older generation, EPROM-based AT22V10 and AT22V10L. All orders for commercial and industrial versions of the AT22V10 and AT22V10L

must be placed by February 28, 1997 with delivery to be no later than May 31, 1997. For military products all orders must be placed by February 28, 1997 with delivery no later than August 31, 1997.

All AT22V10 and AT22V10L products have drop-in, pin-compatible replacements with the ATF22V10B and ATF22V10BQL. See below for a listing of devices affected and their suggested replacements:

<u>TO BE OBSOLETE</u>	<u>REPLACE WITH</u>	<u>TO BE OBSOLETE</u>	<u>REPLACE WITH</u>
AT22V10-15PC/PI 20PC/PI	ATF22V10B-15PC/PI	AT22V10L-20PC/PI	ATF22V10BQL-
AT22V10-15SC/SI 20SC/SI	ATF22V10B-15SC/SI	AT22V10L-20SC/SI	ATF22V10BQL-
AT22V10-15JC/JI 20JC/JI	ATF22V10B-15JC/JI	AT22V10L-20JC/JI	ATF22V10BQL-
AT22V10-25PC/PI 25PC/PI	ATF22V10B-25PC/PI	AT22V10L-25PC/PI	ATF22V10BQL-
AT22V10-25SC/SI 25SC/SI	ATF22V10B-25SC/SI	AT22V10L-25SC/SI	ATF22V10BQL-
AT22V10-25JC/JI 25JC/JI	ATF22V10B-25JC/JI	AT22V10L-25JC/JI	ATF22V10BQL-
AT22V10-15LM 20NM/883	ATF22V10B-15NM/883	AT22V10L-20LM	ATF22V10BQL-
AT22V10-15NM 20NM/883	ATF22V10B-15NM/883	AT22V10L-20NM	ATF22V10BQL-
AT22V10-15DM 20GM/883	ATF22V10B-15GM/883	AT22V10L-20DM	ATF22V10BQL-
AT22V10-15GM 20GM/883	ATF22V10B-15GM/883	AT22V10L-20GM	ATF22V10BQL-
AT22V10-15LM/883 20NM/883	ATF22V10B-15NM/883	AT22V10L-20LM/883	ATF22V10BQL-
AT22V10-15NM/883 20NM/883	ATF22V10B-15NM/883	AT22V10L-20NM/883	ATF22V10BQL-
AT22V10-15DM/883 20GM/883	ATF22V10B-15GM/883	AT22V10L-20DM/883	ATF22V10BQL-
AT22V10-15GM/883 20GM/883	ATF22V10B-15GM/883	AT22V10L-20GM/883	ATF22V10BQL-

AT22V10-25LM 25NM/883	ATF22V10B-15NM/883	AT22V10L-25LM	ATF22V10BQL-
AT22V10-25NM 25NM/883	ATF22V10B-15NM/883	AT22V10L-25NM	ATF22V10BQL-
AT22V10-25DM 25GM/883	ATF22V10B-15GM/883	AT22V10L-25DM	ATF22V10BQL-
AT22V10-25GM 25GM/883	ATF22V10B-15GM/883	AT22V10L-25GM	ATF22V10BQL-
AT22V10-25LM/883 25NM/883	ATF22V10B-15NM/883	AT22V10L-25LM/883	ATF22V10BQL-
AT22V10-25NM/883 25NM/883	ATF22V10B-15NM/883	AT22V10L-25NM/883	ATF22V10BQL-
AT22V10-25DM/883 25GM/883	ATF22V10B-15GM/883	AT22V10L-25DM/883	ATF22V10BQL-
AT22V10-25GM/883 25GM/883	ATF22V10B-15GM/883	AT22V10L-25GM/883	ATF22V10BQL-

(See reverse for listing of DESC SMD devices)

REMEMBER: All orders must be placed by 2/28/97. Delivery for commercial/industrial orders must be by 5/31/97. Delivery for military orders must be by 8/31/97.

DESC PART NUMBERS TO BE OBSOLETE (AT22V10/L)

TO BE OBSOLETE (ATMEL P/N)

5962-87539013X (AT22V10-25LM/883)
15NM/883)
5962-88724013X (AT22V10L-25LM/883)
25NM/883)
5962-88670013X (AT22V10-25NM/883)
15NM/883)
5962-89755013X (AT22V10L-25NM/883)
25NM/883)
5962-8753901LA (AT22V10-25DM/883)
15GM/883)
5962-8872401LA (AT22V10L-25DM/883)
25GM/883)
5962-8867001LA (AT22V10-25GM/883)
15GM/883)
5962-8975501LA (AT22V10L-25GM/883)
25GM/883) 5962-8753905LA (AT22V10-15LM/883)
(ATF22V10B-15NM/883)
5962-88724043X (AT22V10L-20LM/883)
20NM/883)
5962-88670053X (AT22V10-15NM/883)
15NM/883)
5962-89755043X (AT22V10L-20NM/883)
20NM/883)
5962-8753905LA (AT22V10-15DM/883)
15GM/883)
5962-8872404LA (AT22V10L-20DM/883)
20GM/883)
5962-8867005LA (AT22V10-15GM/883)
15GM/883)
5962-8975504LA (AT22V10L-20GM/883)
20GM/883)

REPLACE WITH (ATMEL P/N)

5962-89841053X (ATF22V10B-
5962-89841133X (ATF22V10BQL-
5962-89841053X (ATF22V10B-
5962-89841133X (ATF22V10BQL-
5962-8984105LA (ATF22V10B-
5962-8984113LX (ATF22V10BQL-
5962-8984105LA (ATF22V10B-
5962-8984113LX (ATF22V10BQL-
5962-89841053X
5962-89841143X (ATF22V10BQL-
5962-89841053X (ATF22V10B-
5962-89841143X (ATF22V10BQL-
5962-8984105LA (ATF22V10B-
5962-8984114LX (ATF22V10BQL-
5962-8984105LA (ATF22V10B-
5962-8984114LX (ATF22V10BQL-



To: Worldwide Atmel Sales Managers, Representatives, and Distributors
From: Forrest Huff, EPLD Tactical Marketing Manager (408) 451-2843
Date: June 21, 1996

LAST TIME BUY FOR AT22V10B -Replace with ATF22V10B

With full availability of both commercial and military versions of the Flash-based ATF22V10B, Atmel is announcing the obsolescence of the older generation, EPROM-based AT22V10B. All orders for commercial, industrial and military versions of the AT22V10B must be placed by July 31, 1996 with delivery to be no later than October 31, 1995. All AT22V10B devices have drop-in, pin-compatible replacements with the ATF22V10B devices. See below for a listing of devices affected and their suggested replacements:

TO BE OBSOLETE

AT22V10B-7PC
AT22V10B-7SC
AT22V10B-7JC
AT22V10B-10PC
AT22V10B-10SC
AT22V10B-10JC
AT22V10B-10PI
AT22V10B-10JI
AT22V10B-10LM/883
AT22V10B-10NM/883
AT22V10B-10DM/883
AT22V10B-10GM/883
5962-87539 06 LA
5962-87539 06 3X

REPLACE WITH

ATF22V10B-7PC
ATF22V10B-7SC
ATF22V10B-7JC
ATF22V10B-10PC
ATF22V10B-10SC
ATF22V10B-10JC
ATF22V10B-10PI
ATF22V10B-10JI
ATF22V10B-10NM/883
ATF22V10B-10NM/883
ATF22V10B-10GM/883
ATF22V10B-10GM/883
5962-89841 06 LA
5962-89841 06 3X

REMEMBER: Orders must be placed by 7/31/96. Delivery must be by 10/31/96.

These changes will allow us to provide better service to our Flash-based PLD customers. Most PLD designers have already embraced the many advantages of Flash over UV based PLDs. We apologize for any resulting inconveniences this may cause, we will work together to minimize any problems.



December 22, 1995

To: Worldwide Atmel Sales Managers, Representatives, and Distributors

From: Jim Fahey, EPLD Marketing Director (408) 436-4296

EPLD Product Line Refinement

In our on-going effort to streamline the Atmel EPLD product line we will be obsoleting some additional low volume products and package options. The last-time order period will run through the end of March, 1996 with the last-time-delivery by the end of June, 1996.

Product

Comments, Alternative

ATV5000/L and ATV5100/L

Below critical mass. Utilize last-time buy and/or multiple ATV2500B/BL's. Will be offering alternative high-pincount CPLDs in the future.

**All 24/28 pin DC/DI & GC/GI
(22V10/L,22LV10/L,750/L, 750B/BL)**

Use plastic or M or M/883 alternatives

**All Automotive temp and plastic
"burn-in" flows**

Below critical mass, very small line items. Will reconsider for a million unit per year opportunity

Military AT22V10-20,-30, AT22V10L-30 Non-standard speeds; use next faster speed

Please also be advised that the Military versions of the ATF22V10B are available. They were accidentally shown as obsolete in the last price book. This will be fixed in our next price book.

There are two policies that we need to implement in order to avoid the clogging of our manufacturing areas that results from small, non-standard production lots- few affected customers.

- For all ceramic orders, please adhere to a minimum quantity of 250 units per line item.

- Exceptions to this volume minimum are OK as long as they adhere to our standard \$ mins and occur no more than once every 6 months per product per distributor(Disti) or customer(OEM).

The above changes will greatly enhance our ability to serve the overall needs of customers. I am sorry for any resulting inconveniences. We will work together with the customers to resolve any that occur as best we can.



May 5, 1995

To: Worldwide Atmel Sales Managers, Representatives, and Distributors

From: Jim Fahey, EPLD Marketing Director (408) 436-4296

EPLD Product Line Pruning

In order to streamline the Atmel EPLD product line we will be obsoleting a number of low volume products. With the exception of the 18V8, we will take orders for last-time buys through September, 95 with deliveries to be scheduled through December, 95. Any 18V8 demand needs to be referred to Philips.

<u>Product</u>	<u>Comments, Alternative</u>
All 18V8Z	Move to the ATF16V8CZ as it becomes available in July/August. Refer all present business to Philips.
All 28-pin K packages-comm, ind, mil	Very low volume, use LCC or PLCC package
All 28-pin LC/LI and NC/NI	Very low volume, use LM and NM
All AT22V10-20 comm/ind	Oddball speed, move to -15
All AT22V10L-30 comm/ind	Oddball speed, move to -25
All AT22V10B-12	Oddball speed, move to -10
GC/GI of the ATF22V10/16V8/20V8	No volume, move to PC/PI
All military ATF16V8/20V8 products	No volume, move to military ATF22V10B
All comm/ind ATF16V8BL-15	Move to ATF16V8BQL-15, better low power spec
Military V2500H-30,35	Move to the V2500BQ-25 or V2500BQL-30
Military V2500L-35	Move to the V2500BQL-30

The implementation of the above pruning will help us do the things that we do better and provide you and your customers better service.



SALES BULLETIN

March 4, 1998

To: Worldwide Atmel Sales Offices, Sales Reps and Distributors

From: Kashi Manjunath, EPLD Tactical Marketing Manager
(408) 451-2881, Email:kmanjunath@atmel.com

ATF22V10B-7/10 TO ATF22V10C-7/10 PRODUCT CHANGE NOTIFICATION

In compliance with our Product Change Notification Policy, Atmel is providing this 90-day Notification of our intent to convert all ATF22V10B-7 and ATF22V10B-10 Commercial and Industrial devices to ATF22V10C-7 and ATF22V10C-10 Commercial and Industrial devices.

Current Device

ATF22V10B-7 PC,PI,JC,JI,SC,SI
ATF22V10B-10 PC,PI,JC,JI,SC,SI

Convert To

ATF22V10C-7 PC,PI,JC,JI,SC,SI
ATF22V10C-10 PC,PI,JC,JI,SC,SI

Note: Military ATF22V10B-10 GM/883 and NM/883 are not affected and are still available.

Change

The 'F22V10C' is a refined implementation of the 'F22V10B' architecture that includes the best ground bounce in the market and slower edge rates reducing the transmission line effects on the board offering a superior performance. The 'F22V10C' is completely JEDEC-compatible with all 22V10's. In addition, it comes with an exclusive pin-controlled power-down option suitable for battery applications demanding power savings.

Data Sheet

The ATF22V10C-7/-10 devices fully meets or exceeds all data sheet parameters of the ATF22V10B-7/-10.

Last Time Buy/Delivery Dates

All orders for commercial and Industrial version of the ATF22V10-7 must be placed by March 31, 1998 with delivery to be no later than June 30, 1998.

If you have any questions or require additional information, please contact your local Atmel Sales Representative or call (408) 451-2881.



SALES BULLETIN

July 10, 1997

To: Worldwide Atmel Sales Offices, Sales Reps and Distributors

From: Kashi Manjunath, EPLD Tactical Marketing Manager
(408) 451-2881, Email:kmanjunath@atmel.com

ATF16V8B-7 TO ATF16V8C-7 **PRODUCT CHANGE NOTIFICATION**

In compliance with our Product Change Notification Policy, Atmel is providing this 90-day Notification of our intent to convert all ATF16V8B-7 Commercial and Industrial devices to ATF16V8C-7 Commercial and Industrial devices.

Current Device
ATF16V8B-7

Convert To
ATF16V8C-7

Change

The 'F16V8C' is a refined implementation of the 'F16V8B' architecture that includes more robust grounding and slower edge rates reducing the transmission line effects on the board offering a superior performance. The 'F16V8C' comes with an exclusive pin-controlled power-down option suitable for battery applications demanding power savings.

Data Sheet

The ATF16V8C-7 devices fully meets or exceeds all data sheet parameters of the ATF16V8B-7.

Last Time Buy/Delivery Dates

All orders for commercial and Industrial version of the ATF16V8B-7 must be placed by October 10, 1997 with delivery to be no later than 12/31/97.

If you have any questions or require additional information, please contact your local Atmel Sales Representative or call (408) 451-2881.



SALES BULLETIN

Oct 21, 1997

To: Worldwide Atmel Sales Offices, Sales Reps and Distributors

From: Kashi Manjunath, EPLD Tactical Marketing Manager
(408) 451-2881, Email:kmanjunath@atmel.com

ATF16V8B-10,-15,-25
ATF16V8BQ-10
ATF16V8BQL-15,-25

The intent of this notice is to inform the sales managers that the above parts involves a **die change**. The new die involves a shrink and functionally the product has **NO change**.The product transition from old die to new die will start from this month.

The product line would like to know who the die sensitive customers are, so that we can give the product change notification and start work with them to qualify our new die.

The official "PRODUCT CHANGE NOTIFICATION" will be issued only to the die sensitive customers and the rest of the customers will get the new die. Please mail the list of customers to kmanjunath@atmel.com and copy to jfahey@atmel.com.

Any questions, please contact Kashi Manjunath at (408) 451-2881
email: kmanjunath@atmel.com