

4DOnline

# AVLAlert



**The Source**

for Critical Information and Insight™

Critical component information pushed to your desktop

**Today's manufacturing environment demands managing information for multiple products and life cycle stages, accelerated production schedules, and compliance with new environmental regulations. There are risks in every step of the development process that can have a negative impact on windows of opportunity and margins as well as a manufacturer's ability to innovate or support products.**

**Effectively managing global sourcing, production, and support requires the most current, accurate information on critical components and suppliers. To analyze risks, manufacturers must be aware of potential impacts to production schedules, long-term product support commitments, and environmental compliance issues. Actively monitoring your supplier's component availability schedules, technical updates, and new product announcements is essential for a manufacturer to be successful.**

IHS 4DOnline AVLAlert meets component management challenges head-on by delivering supplier's availability, technical, and compliance information to your desktop. Based on the professionally maintained IHS Product Change and End of Life Database, AVLAlert provides current, accurate component status information. Users can rely on comprehensive information that is updated and delivered daily to stay aware of the component and supplier events that can affect their product development process.

**The easiest way to discover and analyze the component events that affect your products**

Getting started with AVLAlert is as easy as uploading your AVL or BOM, entering the notification address, and selecting an update schedule.

The daily summary report lists internal and manufacturer part numbers for a quick overview. With a brief description of the notice and a link to the manufacturer's document, AVLAlert is the quickest way to identify, analyze and initiate resolution of component events that impact your products. An advanced algorithm assures a high degree of confidence in matches between the AVL and alert part numbers. Additional data from your ERP system can also be included, such as site, commodity and work cell. Targeted delivery to the appropriate stakeholders based on these attributes means that the right people are notified on the parts that are important to them.

## Features

- Manufacturer's updates continuously monitored; notices indexed and posted within 24 hours
- Critical information delivered in a standard format summary report with key dates such as last time buy, the affected part number, the number of affected AVL parts
- Improved matching algorithm delivers specific, relevant updates so users do not need to sift through pages of manufacturer notices
- Easy-to-read summary report, color-coded to indicate match confidence

PCNAlert# AVLAlert-PLUS Summary Index for Sep 07, 2007 ( 2 Notices )					
Supplier	Supplier Alert ID	Impact Type	AVL Parts	Action Date	Countdown From Sep 07, 2007(days)
Atmel	SC073203	PCN -Assembly Site	6	Nov 24, 2007	18
International Rectifier Corporation	S10802-05	PCN -Assembly Site Lead Free Statement	2	Oct 06, 2007	18

  

Manufacturer:	Atmel																																
Alert ID:	SC073203																																
	Aug 24, 2007																																
	Nov 24, 2007																																
See alert for part numbers affected.																																	
Semiconductors & Passives, Flash EPROMs, EEPROMs, Microcontrollers.																																	
Product Change Notices, Assembly Site.																																	
Impact:	Product Change Notices																																
Last Buy Date:	N/A																																
Description:	Atmel is expanding its assembly and test capacity to support a projected increase in world-wide demand for DataFlash and Serial Flash products. ATP has been a long term SOIC assembly and test partner for Atmel. This change just adds additional part numbers to their portfolio.																																
Potential Impacts:	<table border="1"> <thead> <tr> <th colspan="2">Information from your AVL</th> <th colspan="2">Information from Notice</th> </tr> <tr> <th>Internal PN</th> <th>Atmel PN in Your AVL</th> <th>Part on Notice</th> <th>AVLAlert Match Confidence</th> </tr> </thead> <tbody> <tr> <td>1818-8944</td> <td>AT45DB041D-SU</td> <td>AT45DB041DSU</td> <td>Perfect</td> </tr> <tr> <td>1818-8944</td> <td>AT45DB041D-SU</td> <td>AT45DB041DSSU</td> <td>Medium</td> </tr> <tr> <td>1818-8944</td> <td>AT45DB041D-SU</td> <td>AT45DB041DSU24</td> <td>High</td> </tr> <tr> <td>1818-8944</td> <td>AT45DB041D-SU</td> <td>AT45DB041DSSU25</td> <td>Low</td> </tr> <tr> <td>1818-8956</td> <td>AT45DB021D-SSU</td> <td>AT45DB021DSU</td> <td>Medium</td> </tr> <tr> <td>1818-8956</td> <td>AT45DB021D-SSU</td> <td>AT45DB021DSSU</td> <td>Perfect</td> </tr> </tbody> </table>	Information from your AVL		Information from Notice		Internal PN	Atmel PN in Your AVL	Part on Notice	AVLAlert Match Confidence	1818-8944	AT45DB041D-SU	AT45DB041DSU	Perfect	1818-8944	AT45DB041D-SU	AT45DB041DSSU	Medium	1818-8944	AT45DB041D-SU	AT45DB041DSU24	High	1818-8944	AT45DB041D-SU	AT45DB041DSSU25	Low	1818-8956	AT45DB021D-SSU	AT45DB021DSU	Medium	1818-8956	AT45DB021D-SSU	AT45DB021DSSU	Perfect
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\*Potential Impacts should first be verified by your Engineering Staff before triggering any escalation. AVLAlert can be used to support this workflow.

AVLAlert delivers timely, accurate component information in a consistent, un-biased format. Quickly review affected parts, critical dates, and potential impacts. Then, access manufacturer's documents to proactively manage component sourcing issues.

- Access to catalogued, document-centric database for easy retrieval and review of manufacturer's notices
- Integrated solution with access to email alert, summary report, document database, and web-based alert management
- Easy to configure and administer users and parts lists.

### Based on the IHS Product Change and End of Life Database

This proprietary database is recognized in the industry as the broadest, most current resource of product change and end of life notices. Built from the ground up using a document-centric format, it is indexed for easy retrieval and review to deliver unmatched ability to verify component events.

Every day that elapses between the release of a component notice and assessing the impact on a product design or production plan can quickly affect the success of a product. Any change in a component's availability can cause a shortage that stops production, or lead to a hurried search for an alternate part or supplier, or a costly redesign. With AVLAlert manufacturing companies can improve their awareness of critical component events as part of an effective strategic component management process.

### Benefits

- Identify potential design, production, compliance and maintenance risks as early as possible
- Improve product development, manufacturing, and support plans with current availability information
- Determine relevance and potential impacts of manufacturer notices more quickly
- Tailored, consolidated reports delivered to users desktop avoid duplicating staff efforts to monitor AVLs and manufacturer notices
- Improve identification, analysis and resolution processes with current, consistent information available at every decision point
- Avoid production line stoppages due to component availability or compliance issues.

IHS is the leading provider of government and industry standards, component databases and services used by engineering and procurement professionals worldwide. For more than 45 years, IHS has been the trusted source for the decision support tools that manufacturers in every industry rely on to build a competitive advantage.



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