ACCURIS

BOM Intelligence

Easy-to-use BOM analysis and collaboration environment that promotes effective and proactive management of electronic component parts

Managing components and suppliers is more critical than ever as obsolescence, supply chain, counterfeit, and non-compliance risks continue to grow. An effective BOM analysis system will enable organizations to increase the pace of new product introductions, avoid costly production interruptions or product redesigns, and improve sustainability over extended service lives.

BOM Intelligence, the most user-friendly & intuitive bill of materials application in the industry, provides the tools to build a competitive advantage. It enables a wide range of users, from novice to expert, the ability to easily find the important part data and information required to:

- Proactively manage component obsolescence and compliance, proactively
- Avoid shortages of critical components to meet production and revenue
- targets
- Eliminate redundant components, suppliers and excess inventories
- Avoid lost opportunities in markets with environmental compliance
- regulations
- Identify at-risk components and technology throughout the entire product
- cycle
- Manage extended supply chains and avoid counterfeit part risks
- Identify technology advances that can affect designs, sources, or margins

Key Features

Industry Leading Interface – The most intuitive interface in the industry enables:

- Intuitive workflows to enable users to mitigate supply chain risks

- 1-Step BOM Import - Simplifies the multistep import process down to a single step

- Context-sensitive help

- BOM Dashboard - Provides customers a graphical representation of the health of their BOM

- Simple Search - No matter where you are in the application, Part Search is always at the top of the screen

- Industry leading navigation - allows customers to easily select their workflows

- Reporting flexibility - generate standard and custom reports in a simple, intuitive workflow.

Electronic Part Management Solutions offer:

INDUSTRY'S LARGEST DATABASE of unbiased information on electronic and electromechanical components which provides customers the greatest opportunity to quickly find the critical answers

MORE HISTORICAL DATASHEETS and more parts from the 60s, 70s and 80s than any other electronic component provider. This offers customers with long product lifecycles the easiest path to find datasheets for their historical parts and optimize component replacement decisions.

ACCURATE INFORMATION allows our customers to make informed decisions. For example, by averaging over 99.5% accuracy in part status, Accuris enables customers to ensure they are not surprised by changes in part availability.

EXTENSIVE DATA IMPORTING OPTIONS supports unlimited BOMs; indentured (multi-level), Corporate Parts Lists, Approved Manufacturer Parts Lists and manufacturer preferences

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BOM Intelligence enables you to quickly and easily:

ACCESS THE ACCURIS PARTS DATABASE
BOM Intelligence includes access to our Parts Database, the leading electronic component database with attribute data and documentation on over 1.1 billion electronic, electro-mechanical and fastener parts, from more than 7200 manufacturers, as well as integrated access to the tens of millions of NSNs and part numbers in Haystack Gold. You can easily research components by part number, manufacturer or attributes and quickly compare parts side-by-side to improve technical, design and sourcing decisions, from within the BOM Intelligence interface.

IDENTIFY POTENTIAL SUPPLY CHAIN RISKS AND COMPLIANCE EARLIER
- Receive daily updates for life cycle status, EOL and PCN notices, GIDEP alerts, counterfeit notices regarding substandard and high risk parts
- Receive daily notifications regarding average lead time, average price and inventory changes
- Quickly view and compare life cycle, environmental and supply chain risk scores based on part status, years to end of life forecasts, number of active suppliers, availability from distributors, and RoHS / REACH compliance
- Access EU-RoHS, China-RoHS, REACH, DRC Conflict Mineral-free, country of origin, export compliance and Full Material Disclosure (FMD) content

- Determine the presence of hazardous substances from the REACH SVHC lists through manufacturer full material disclosure (FMD) data and search for substances of concern within your BOMs
- Generate 2-4-8 year availability forecasts at the assembly and part level
- Search and view components based on industry qualifications such as AEC, UL, Space, Rad Hard, DLA, and MIL Spec

AUTOMATE CRITICAL PROCESSES
- Organize, manage and analyze BOMs in a single, secure environment
- Load data easily using the 1-Step BOM Import
- Simplify the part number and manufacturer name cleansing process, including part number auto-matching.
- Build a knowledge base of cleansed manufacturer and part exceptions
- Track new, reviewed, and under investigation alerts
- Summarize exceptions and obsolescence impacts
- Integrated access to both current and historical part information including datasheets, application notes, product notices, and environmental documents, technical attributes, and manufacturer part cross-references.
- Identify alternates for at-risk parts, along with the manufacturers that are actively producing the cross-references or industry generic parts.
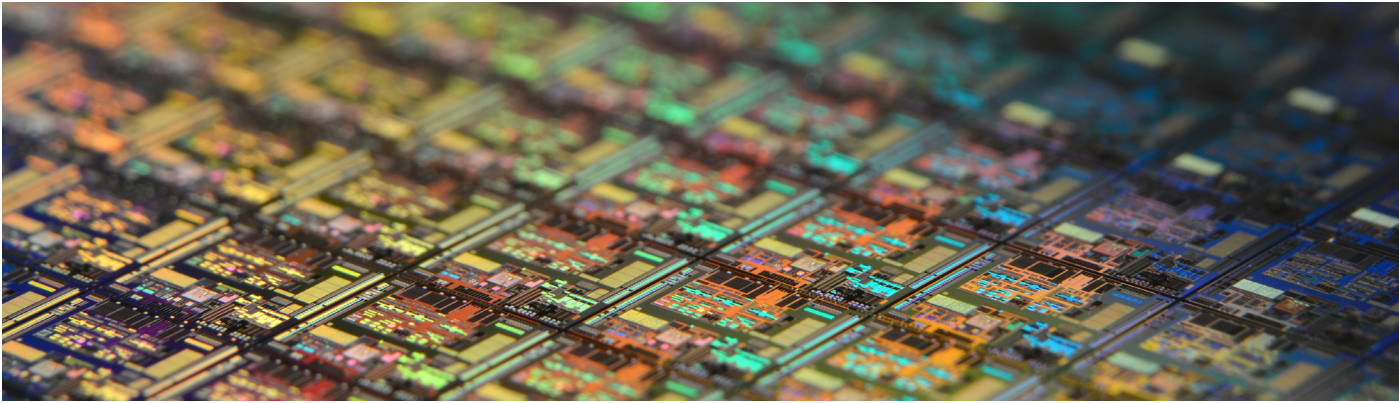
# BOM Intelligence - Easy to Use

Designed to facilitate easy, more efficient BOM management and component data access.

HOME PAGE
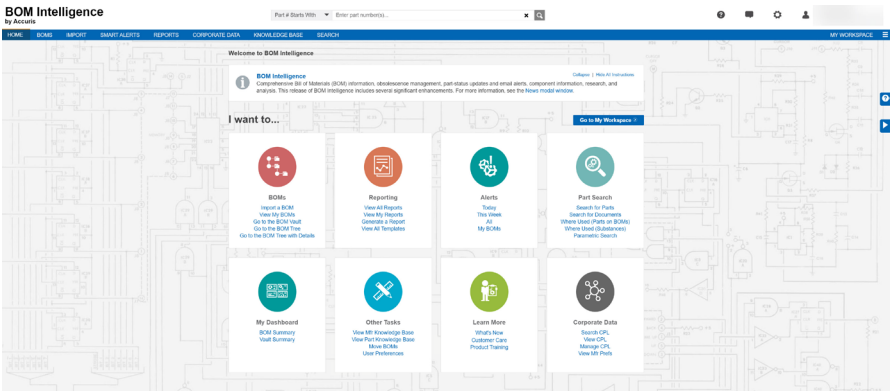
The Home Page contains panels that provide quick access to key workflows in the application, such as working with BOMs and reports, accessing alerts, searching for parts, managing your Corporate Parts List (CPL) and accessing training and support.
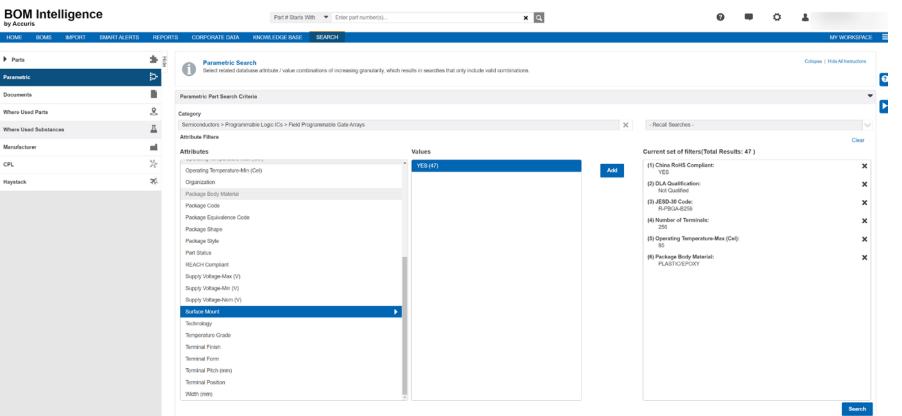
ONE STEP IMPORT
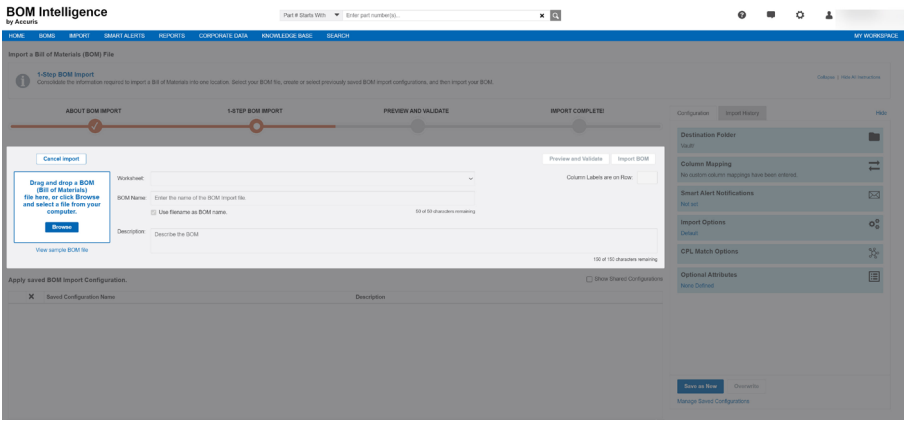
One-step Import – One step BOM Import tool consolidates the information for importing your BOMs. You can drag and drop your BOMs or browse to select a file.

INTEGRATED BOM CLEANSING
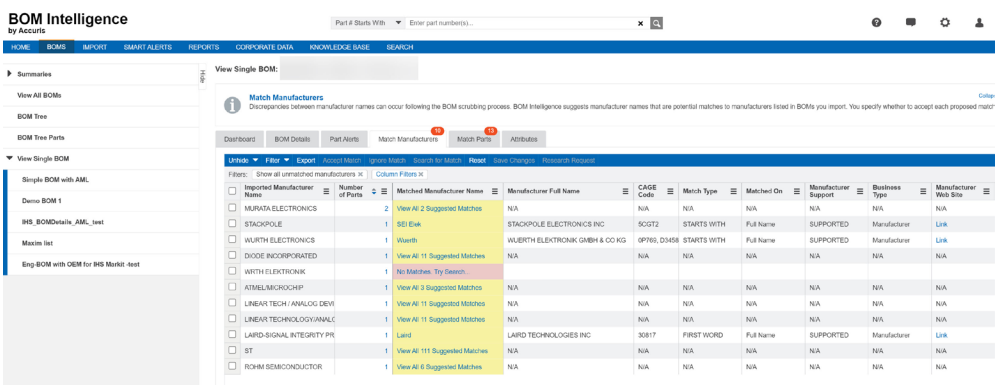
Custom Knowledge Base reduces rework and improves accuracy.

POWERFUL PARAMETRIC SEARCH AND SEARCH BY EXAMPLE

Identify parts and alternate parts quickly using technical characteristics.

ANALYZE BOM RISKS
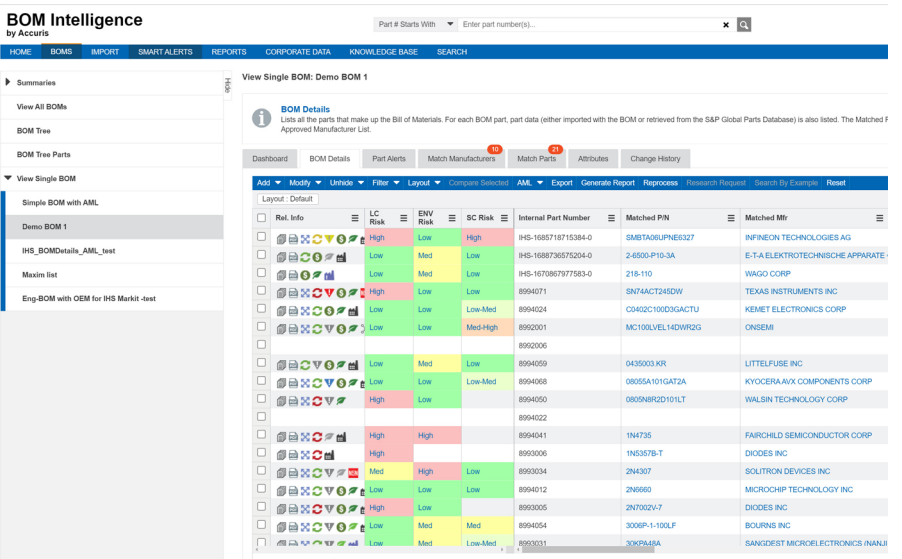
Review AVL, BOMs and individual parts for obsolescence, environmental compliance, export compliance and supply chain risk.

COMPREHENSIVE PART INFORMATION
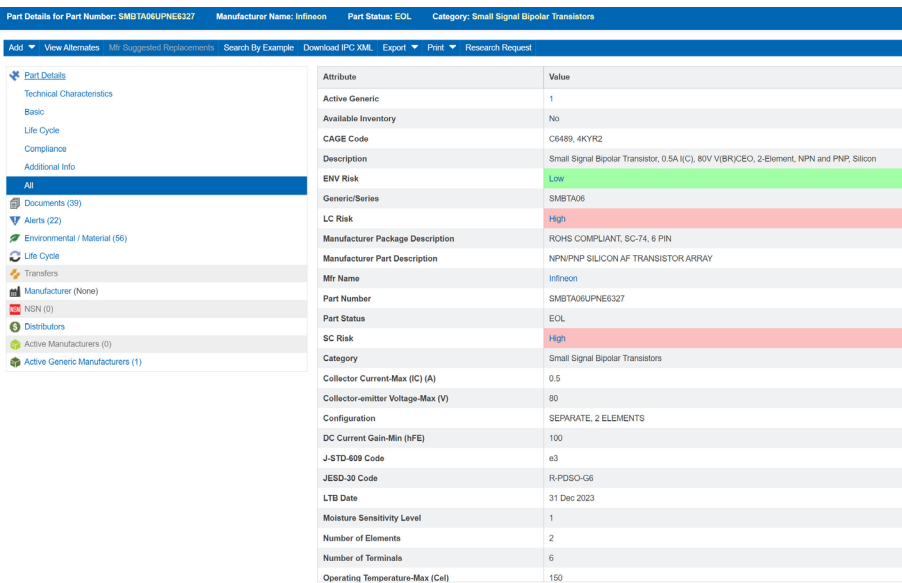
Easy access to part life cycle, technical attributes, datasheets, Product Change Notices (PCN), End of Life Notices (EOL), Product Discontinuation Notices (PDN), environmental compliance documentation, export compliance, conflict minerals, 3D CAD, product images and distributor pricing and inventory.

INDUSTRY'S LARGEST ALTERNATES REFERENCES LIBRARY

Identify and compare alternate's characteristics side by side.

CUSTOMIZABLE SEARCH RESULTS

Focus on displaying the critical information you need by creating flexible column layouts

VIEW PRICING, INVENTORY, AND LEAD TIMES FOR AUTHORIZED AND INDEPENDENT DISTRIBUTORS

ACCESS 2-YEAR HISTORICAL SUPPLY CHAIN TREND REPORTS

Part Details for Part Number: SN74ACT245DW | **Manufacturer Name: TI** | **Part Status: Discontinued** | **Category: Bus Driver/Transceivers**

Add ▼ | View Alternates | Mfr Suggested Replacements | Search By Example | Download IPC XML | Export ▼ | Print ▼ | Research Request

- Part Details
- Documents (170)
- Alerts (17)
- Environmental / Material (82)
- Life Cycle
- Transfers
- Manufacturer (None)
- NSN (6)
- Distributors
  - Pricing and Availability (12)
  - **Pricing and Availability Trends**
- Active Manufacturers (0)
- Active Generic Manufacturers (65)

Show data from Authorized Distributors only

Average Price (USD)

Total Inventory

Authorized/Non-Authorized Distributor Count

Average Lead Time (Weeks)

SUBSCRIBE TO AND MONITOR PCN, EOL, COUNTERFEIT AND SUPPLY CHAIN ALERTS

IHS Markit BOM Intelligence Alert Impact Email Report

BOM_Intelligence_Alerts_07-JUL-23.xlsx
8 KB

Alert Type Categories

Category	Color	Description
Discontinuance	Red	Loss of a manufacturer source.
EOL and Manufacturer Status Change	Yellow	Impending loss of a manufacturer source or manufacturer availability is unknown.
PCN or GIDEP	Blue	PCN or GIDEP Alert has been issued.
Reinstatement	Green	Reinstatement of a manufacturer's availability.

IHS Markit BOM Intelligence Impact Report

Based on manufacturer changes on 07-Jul-23

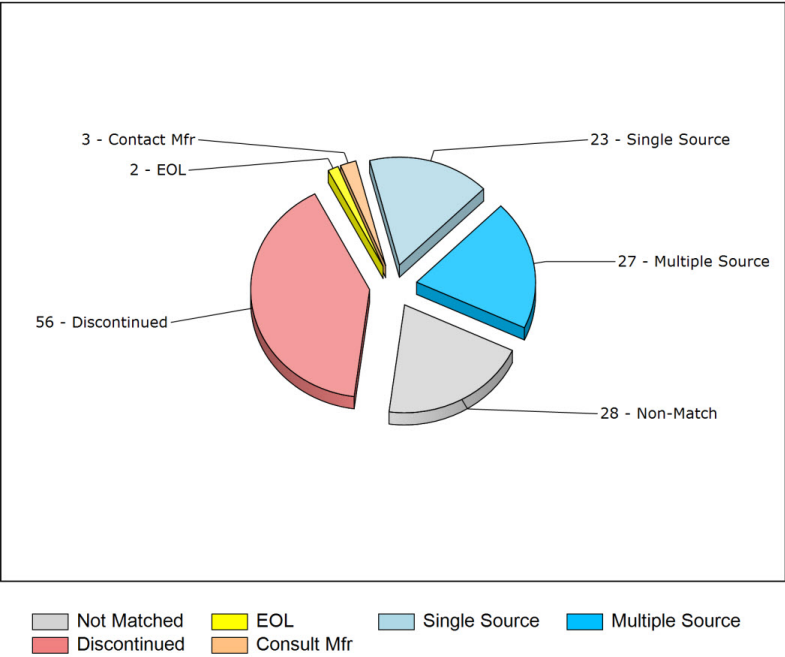| IHS Alert ID	PCN Alert Number	Type	Alert Document	PCN Description	LTB	Lifecycle Comments	Issued	Mfr	Internal P/N	Alternates (FFF)	Alternates (F=)	Search By Example	Alert P/N	BOM	Folder	Path
9042972731	EOL-000090-A	End of Life Notice	Alert Document	Extension of LTB	01-SEP-24		01-JUL-23	Cirrus Logic	IHS-499593735	3	3	Search	CS42L51-CNZR	Parts TI Did Not Have Direct Crosses		
									IHS-499593724			Search	CS53L21-DNZR	Parts TI Did Not Have Direct Crosses		
									IHS-461087410	3	3	Search	CS42L51-CNZ	TM-Rebound 31Jan2022		
9042972743	EOL-000092-A	End of Life Notice	Alert Document	Extension of LTB	01-SEP-24		01-JUL-23	Cirrus Logic	IHS-499593705	1	1	Search	CS4385-CQZ	Parts TI Did Not Have Direct Crosses		
									IHS-461087444	1	1	Search	CS4385-CQZ	TM-Rebound 31Jan2022		
									IHS-461088047	1	1	Search	CS4385-CQZR	TM-Rebound 31Jan2022		

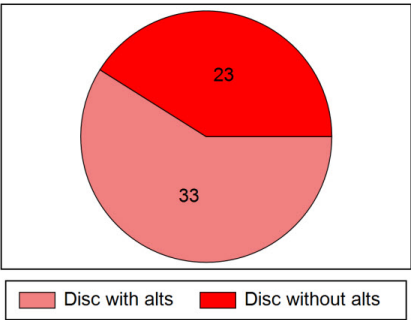## IHS Markit BOM Intelligence: BOM Analysis Report

Report Name: test bom analysis

Date: 7/7/2023 10:18:45 AM

Bom Name	Total	Not Matched	Unknown	Discontinued				EOL		Available				Contact Mfr	
				Total	Unique	With Alts	W/O Alts	Total	Unique	Total	Unique	SS	MS	Total	Unique
Demo BOM 1	142	28	0	56	56	33	23	2	2	53	50	23	27	3	3

Health Analysis

- Not Matched
- EOL
- Single Source
- Multiple Source
- Discontinued
- Consult Mfr

3 - Contact Mfr
2 - EOL
56 - Discontinued
23 - Single Source
27 - Multiple Source
28 - Non-Match

Discontinued

- Disc with alts
- Disc without alts

Available

- EOL
- Single Source
- Multiple Source
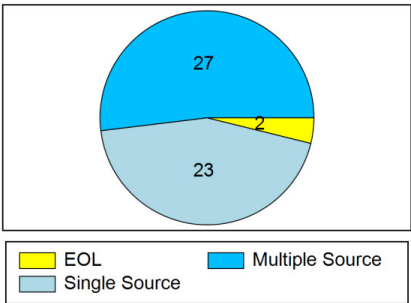
Additional important Electronics Parts Solutions offerings from Accuris include:

- Parts Intelligence ↗
- Content Services ↗
- XML Web Services API ↗
- PCN Intelligence ↗

Customer Care

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