

Parts Intelligence

Improve part selection and sourcing decisions with comprehensive electronic component and supplier data.

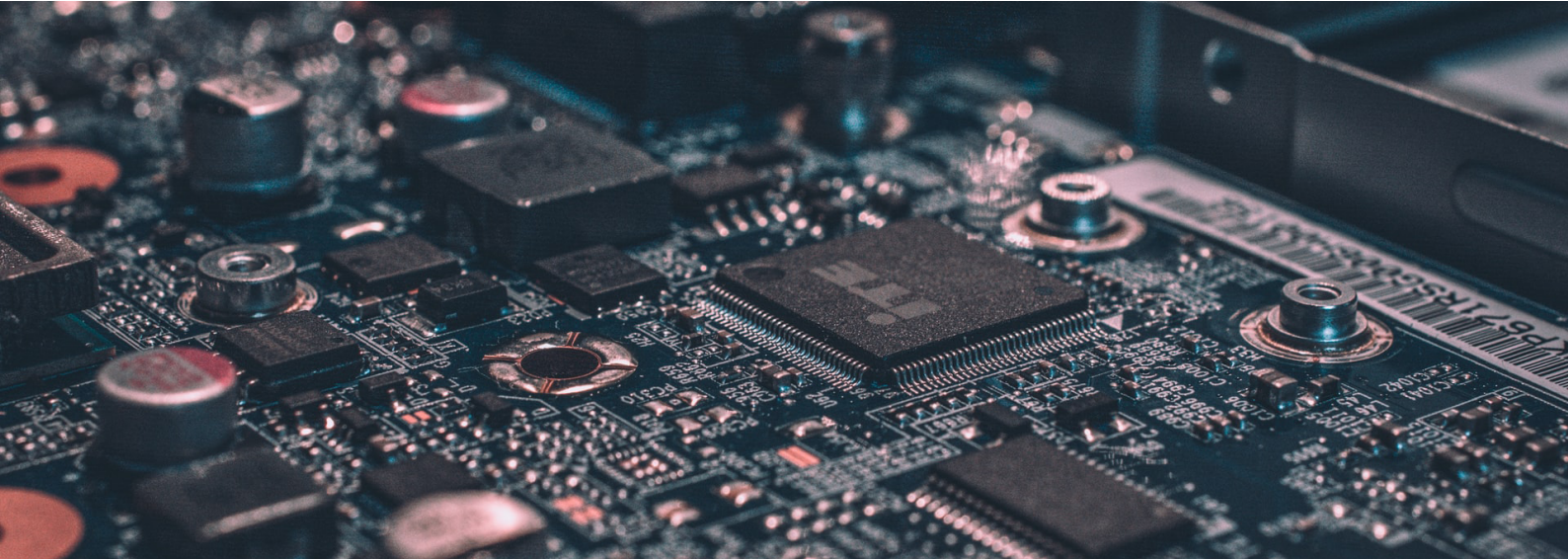


Comprehensive, Current Electronic Component and Supplier Data



Developing products that meet time-to-market, manufacturability, reliability, profitability and sustainment goals is more challenging than ever. Today, continuously changing technology, global supply chain and economic uncertainties, concern for the environment and extended life cycles are causing unprecedented component selection challenges. Identifying the right components and supply chain partners, while avoiding obsolescence, compliance and counterfeit risks can make the difference between success and failure.

Accuris Parts Intelligence enables engineering and sourcing professionals to identify the best components for their products, with access to over 1.1 billion electronic, electro-mechanical and fastener parts across multiple categories, from leading manufacturers worldwide. From detailed technical attributes and documentation to alternates, lifecycle forecasts, and current availability and pricing data, Parts Intelligence provides enterprise-wide access to a continually updated information resource that manufacturers can rely on to improve decisions.



Manage Components and Suppliers to Build a Competitive Advantage

Finding the right parts and suppliers is critical to product development, manufacturing and sustainment. Making the best decision at every step requires current, accurate and unbiased information from the latest technical and pricing data, obsolescence and compliance risks that may affect the availability of critical parts over a product's life cycle.

Parts Intelligence provides enterprise-wide access to detailed component and supplier information in a searchable, consistent format that enables users to:

- Search and compare parts side-by-side
- Download datasheets, product change and end-of-life notices (PCN and EOL) and environmental compliance documents
- Identify replacements from the original or alternate manufacturers
- Find replacements based on lifecycle and years to end of life forecasts
- Access high-risk and suspected counterfeit part alerts
- View current pricing and availability data from authorized distributors along with industry average pricing

Parts Intelligence
by Accuris

SEARCHCORPORATE DATA

Parts

Parametric

Documents

Manufacturer

CPL

Haystack

Part # Starts With

Enter part number(s)...

×

Q

Parts Search

List all parts in the S&P Global Parts Database that match your search parameters. Data displayed in blue text, and each icon in the Related Part Information column is a hyper-link to view additional part details.

Part Search Criteria

Enter Part Number:

Enter Part Number

Search

Clear All

☐ Exact Part Number

☒ Part Number Starts With

☐ Part Number Contains

☐ Keyword Search

Match Keyword:

☒ All

☐ Any

☐ Exact

☒ Ignore Special Characters

Part # Starts With: Part numbers will be matched that start with the search term. For example, 'm339n' will return matching part numbers such as 'LM339N1', 'LM339N-500', etc. Special characters will be excluded if the

Ignore Special Characters: When selected, any special characters (~ \$ * ' @ % ^ & () - _ = { } \ | : ; < > / ' ? .) will be excluded from the search term and results will be returned with or without these characters. Note: This options is not available when this option is unchecked.

Search by part number, keyword or category, and parametric attributes and filter the results to find the right part faster.

Part Details for Part Number: SN74LVC1G14DCKRManufacturer Name: TISPart Status: ActiveCategory: Gates					
AddView AlternatesMfr Suggested ReplacementsSearch By ExampleDownload IPC XMLExportPrintResearch Request					
<div>Part Details</div> <div>Documents (240)</div> <div>Alerts (61)</div> <div>EOLs (0)</div> <div>PCNs (60)</div> <div>PSCs (0)</div> <div>Failure/Counterfeit (1)</div> <div>Environmental / Material (80)</div> <div>Life Cycle</div> <div>Transfers</div> <div>Manufacturer (None)</div>	Type	Number	Description	Mfr Issued Date	IHS Alert Date
	PFN	TXII-J-A0015421361	TI-20220214-01	14 Feb 2022	2 Jun 2022

Suspected Counterfeit and High-Risk Part Alerts.

ACCESS TO THE INFORMATION YOU NEED TO DESIGN, SOURCE, AND SUSTAIN YOUR PRODUCTS

Daily updates to Parts Intelligence provide current, comprehensive, consistent and accurate information, including:

- Over 1.1 billion board-level components from industry-leading global manufacturers:
 - ◇ Semiconductor
 - ◇ Passive
 - ◇ Interconnect
 - ◇ Electromechanical
 - ◇ Fasteners
 - ◇ Hardware
- Normalized attributes and units for powerful parametric searching and cross-referencing across manufacturers
- Commercial, military and automotive-qualified parts
- Historical coverage of legacy parts
- Documentation
 - ◇ Datasheets (current and historical)
 - ◇ Application notes and timing diagrams
 - ◇ Product Change Notices
 - ◇ End of Life Notices
 - ◇ Full Material Disclosure data sheets

MANAGE OBSOLESCENCE RISKS

Identify at-risk components with the supplier's part status, end of life and change notices and Accuris proprietary life cycle stage and years to end of life forecasts. Parts Intelligence includes the information you need to avoid shortages or quickly find alternates for at-risk parts and suppliers.

- Obsolescence and Component Life Cycle data
 - ◇ Part Status
 - ◇ Current Life Cycle Stage
 - ◇ Years to End of Life Forecast
 - ◇ Last Time Buy date
- Cross-References
 - ◇ Form-Fit-Function replacements
 - ◇ Functional equivalents
 - ◇ Manufacturer suggested replacements
 - ◇ Search for close alternates

Part Details for Part Number: LM339N Manufacturer Name: TI Part Status: Active Category: Comparators		
View Alternates	Life Suggested Replacements	Search By Example Download IPC XML Export Print Research Request
Part Details	Attribute	Value
Technical Characteristics	Amplifier Type	COMPARATOR
Basic:	Average Bias Current-Max (IBB) (uA)	0.4
Life Cycle	Bias Current-Max (IB) @25C (uA)	0.05
Compliance	Category	Comparators
Additional Info	FTT (Failures/Billion Hours)	0.7
All	Input Offset Voltage-Max (uV)	5000
Documents (234)	J-STD-409 Code	43
Alerts (35)	JESD-36 Code	R-PDP-T14
Environmental / Material (75)	Length (mm)	15.305
Life Cycle	MTBF (Million Hours)	1470
Transfers	Number of Functions	4
Manufacturer (None)	Number of Terminals	14
NSN (307)	Operating Temperature-Max (Celsius)	70
Distributors	Operating Temperature-Min (Celsius)	0
Active Manufacturers (1)	Output Type	OPEN-COLLECTOR
Active Generic Manufacturers (26)	Package Body Material	PLASTIC/EPoxy
	Package Code	DIP
	Package Equivalence Code	DIP14.3
	Package Shape	RECTANGULAR
	Package Style	IN-LINE
	Packing Method	TUBE
	Packing Quantity	25
	Rail to Rail Output	YES
	Response Time Non (ns)	1300
	Scaled Height-Max (mm)	5.08

View technical attributes and manufacturing data, datasheets, lifecycle forecasts, change notices, hazardous material content and compliance documents without searching multiple databases.

EXPAND YOUR PART SEARCH INTO THE INVENTORY OF MAJOR DISTRIBUTORS

After identifying the right part, you can look at status and availability information from the top electronic component distributors.

- Quantity in stock
- Minimum and maximum order quantities
- Lead time
- Price
- Packaging
- Source region
- Link to the distributor's site to research pricing and submit quote requests

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Continue your search with direct access to the leading electronics distributors for the latest pricing and availability information.

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View Alternates	Life Suggested Replacements	Search By Example Download IPC XML Export Print Research Request
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Cross-references and alternates to easily compare parts side-by-side with highlighted differences between the original and alternate parts.

PROACTIVELY MANAGE ENVIRONMENTAL COMPLIANCE

Evolving regulations and a growing list of restricted substances make it more important than ever to manage the components in your products. With Parts Intelligence, you can find compliance and hazardous material data and documents alongside the technical and sourcing information in a consistent, searchable format. Environmental information includes:

- EU and China RoHS compliance status & exemptions
- REACH SVHC presence
- CAS accounted for weight
- Hazardous substance concentration and weight
- Environment Friendly Use Period
- Conflict minerals (DRC)
- Manufacturing parameters
- Certificates of Compliance
- Full Material Disclosure documents
- Material declaration data sheets
- IPC-1752-2 Material Declarations and IPC XML download
- Terminal finish and JESD-609 code

Part Details for Part Number: LM133N Manufacturer Name: TI Part Status: Active Category: Comparators		
View Alternates Mfr Suggested Replacements Search By Example Download IPC XML Export Print Research Request		
Part Details	Attribute	Value
Documents (234)	EU RoHS Compliant	Yes
Alerts (39)	EU RoHS Version	RoHS 2 (2015/853/EU)
Environmental / Material (72)	Last Verified Date	25 May 2023
Environmental Documents (56)	Pb (mg)	0.02965
EU RoHS (1)	Cd (mg)	0
China RoHS (1)	Cr VI (mg)	0
REACH (1)	Hg (mg)	0
DRC/Prop65 (1)	PBB (mg)	0
Manufacturing (1)	PBDE (mg)	0
FMD (18)	DEHP (mg)	0
Life Cycle	BBP (mg)	0
Transfers	DBP (mg)	0
Manufacturer (None)	DIBP (mg)	0
NSN (307)		
Distributors		
Active Manufacturers (1)		
Active Generic Manufacturers (98)		

RoHS and REACH data and documents to identify environmental regulation compliance risks.

EXPORT COMPLIANCE DATA

Export restrictions affect not only defense-related products, but can apply to dual-use items – electronics and computer technology that have civilian and military application. Parts Intelligence includes four (4) attributes to help you track controlled items through the supply chain, ensure proper classification of your products, and maintain compliance with export regulations:

- Country/Region of Origin (COO)

- Export Control Classification Number (ECCN)
- ECCN Governance (ITAR or EAR)
- Harmonized Tariff Schedule (HTS) Code
- Schedule B Classification Code

ADVANCING DECISIONS

With Parts Intelligence, you can take a strategic, proactive approach to identify and source components, manage content over the product's life cycle and optimize supply chains.

- Quickly find the right components for new product designs
- Eliminate redundant parts and suppliers and negotiate favorable terms with preferred suppliers
- Find parts without hazardous materials to comply with environmental regulations
- Stay ahead of quality risks to accelerate product development, reduce costs, and ensure sustainability
- Actively manage obsolescence risks for new designs or long-term product support

DISCOVER WHY LEADING MANUFACTURERS AROUND THE WORLD RELY ON ACCURIS

Parts Intelligence is just one of a full range of Accuris solutions that manufacturers worldwide rely on to advance decisions across the organization. Other solutions include:

- BOM Intelligence – Advanced bill of materials (BOM) analysis solution
- PCN Intelligence – Component obsolescence management and alerting
- Haystack Gold – Government and military logistics parts & suppliers' databases
- Engineering Workbench – Government and industry standards and management tools

Accuris also offers a range of software tools and information resources – from market and technology forecasts to industry standards, environmental regulations and analysis tools – to improve product performance, profitability, compliance and sustainability.



ABOUT ACCURIS

Accuris connects trusted knowledge to your workflows – mitigating risk, increasing efficiency and accelerating innovation.

For over 60 years, engineers and technical professionals have relied on us to achieve on-time, on-budget delivery of complex projects and new products.

With our unparalleled combination of technical content and Artificial Intelligence (AI) technologies, you can surface answers from a vast universe of technical knowledge, both inside and outside your organization. Our solutions connect the dots between information scattered across many different sources, allowing technical professionals to make better, more informed decisions faster.

For more information, visit: www.accuris.co