



# Introduction to Octopart™: Find Parts Fast

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## What is Octopart?

Octopart is a search engine for electronic parts

## Our Mission

Open up access to part data for design, sourcing and manufacturing

# How can I use Octopart?

Available on:

- The Web (<http://octopart.com>)
- Octopart API (<http://octopart.com/api>)
- iPhone/iPad App
- PLM 360 App Store
- Other productivity apps...

# [Demo]



## Octopart Data Overview: Data Types

- Pricing and Availability (price breaks, MOQ, lead times, etc.)
- Datasheets
- Compliance Documents (RoHS, REACH, conflict minerals, etc.)
- 3D Models
- Technical Specs
- Lifecycle Status
- Categories
- Reference Designs

# Octopart Data Overview: Data Sources

- Direct Feeds
- Data Partners
- Web Crawling
- Crowd Sourcing

## Distributors

Arrow  
Avnet  
Digi-Key  
Mouser  
Newark  
TTI  
Future  
Allied Electronics  
RS Components  
Premier Farnell  
element14 APAC  
108 more and counting...

## Manufacturers

Texas Instruments  
Analog Devices  
Honeywell  
Microchip  
Molex  
STMicroelectronics  
Allegro  
Avago  
Integrated Device  
Technology  
Intersil  
NXP Semiconductors  
Fairchild Semiconductor  
Ecliptek  
Renesas  
Stackpole Electronics  
IDT  
CUI  
TE Connectivity  
30 more and counting...



## How to import Octopart data into PLM 360

Use the Octopart App in the PLM 360 App Store to:

- Do simple part lookups and save results
- See supplier availability and price breaks
- Connect Octopart results and Items and BOMs records
- Keep Octopart data up-to-date



# [Demo]



## Emerging Trends in Access to Part Data

- Manufacturers and distributors are opening up access to internal data
- Data costs are going down dramatically (\$50/month tier for Octopart API)
- Cloud tools enable data sharing and custom integrations
- BOMs are becoming supply-chain aware!

# [Discussion]



