

SHOP API

Version 1.1 / Date: 24.11.2021

We provide our Weltron Shop API as a simple REST Webservice that allows you to read back current pricing and availability from our onlineshop www.weltroniker.de. Time consuming inquiries can be performed in just a few seconds.

As a special advantage, our Shop API response shows possible alternatives by default, in case the required product is not available from stock. You can immediately identify the status of the offered part through our "Matchscore":

Matchscore:	Explanation:
ExactMatch	Exactly the inquired component is offered.
AliasMatch	The inquired component is offered – but with differing MPN. (e.g. differing MPNs exist for the same component or our MPN has slight deviations such as additional or missing space characters, hyphens and so on).
Replacement(A) *	A possible alternative is offered with technical features equal to those of the inquired component. (e.g. MLCC: size + capacity + dielectric + tolerance + voltage)
noScore	Matchscore could not be identified (searchstring probably insufficient). Please check the offered component carefully. .

* Please note that the application, usage and processing of a suggested alternative is exclusively subject to your own sphere of responsibility. Our Matchscore does not exempt you from making your own examination and approval.

To benefit best from this feature, we suggest you enter full and thus clearly identifiable MPNs/manufacturer codes. The total number of shown results is limited to 5.

Apart from customized prices, our API also shows information on special offers. Please check to which extent your system is able to process these additional pieces of information.

Each search requires the transmission of an API Key for authentication.

If not available, please just request your API Key from info@weltron.de.

Methods

Request Methods: GET, POST

Response Format: JSON

Search Versions: Single Search, Bundle Search

Version 1) Single Search

Request: <https://api.weltroniker.de/v1.1/api.php?key=1234&search=CC1210KKX7R7BB226>

Parameter: `search` -> MPN (Manufacturer Part Number) or Weltron item number
 minimum = 3 characters

JSON-Response – Single Search	Explanation:
<pre> 0: searchterm: "CC1210KKX7R7BB226" matchscore: "ExactMatch" sku: "082102105820" manufacturer: "Yageo" mpn: "CC1210KKX7R7BB226" description: "MLCC 1210 22uF X7R 10% 16V H=2.7" packaging: "T/R" url: "https://www.weltroniker.de/mlcc-1210-22uf-x7r-10-16v-h2.7_082102105820.html" pu: "1000" moq: "1000" stock: "0" pipeline: [] leadtime: "24" currency: "EUR" rohs: "compliant" aecq: "" pricebreaks: 0: quantity: "1000" price: "0.13260" 1: quantity: "3000" price: "0.12650" 2: quantity: "6000" price: "0.12200" 3: quantity: "12000" price: "0.11900" 4: quantity: "24000" price: "0.11600" 1: searchterm: "CC1210KKX7R7BB226" matchscore: "Replacement(A)" sku: "082040040501" manufacturer: "Samsung Emech" mpn: "CL32B226KOJNNE" description: "MLCC 1210 22uF X7R 10% 16V H=2.7" packaging: "T/R" url: "https://www.weltroniker.de/mlcc-1210-22uf-x7r-10-16v-h2.7_082040040501.html" pu: "1000" moq: "1000" stock: "8000" </pre>	<p>Your Searchstring</p> <p>Matchscore Rating</p> <p>Weltron Item Number</p> <p>Manufacturer</p> <p>P/N (Part Number)</p> <p>Weltron Description</p> <p>Packaging: Bulk, T/R, T/A, Tube</p> <p>Link to Shop</p> <p>Packing Unit</p> <p>Minimum Ordering Quantity</p> <p>Stock Quantity</p> <p>Quantities Expected</p> <p>Production Lead Time In Weeks</p> <p>Currency</p> <p>RoHS Conformity</p> <p>AECQ Conformity</p> <p>Price-Quantity Scale</p> <p>Unit Prices</p> <p>Alternatives Including Special Offers - Example</p>

```
pipeline:
0:
  quantity: "10000"
  delivery: "2021-10-27"
leadtime: "36"
currency: "EUR"
rohs: "compliant"
aecq: ""
pricebreaks:
0:
  quantity: "1000"
  price: "0.10460"
1:
  quantity: "3000"
  price: "0.09990"
2:
  quantity: "6000"
  price: "0.09630"
3:
  quantity: "12000"
  price: "0.09390"
4:
  quantity: "24000"
  price: "0.09150"
specialoffer:
0:
  quantity: "1000"
  price: "0.09000"
  maxquantity: "2000"
```

If Available:
Current Special Offers for Stock
Quantities, Possibly Limited To A
Certain Share Of Total Stocks
(Maximum Quantity)

Version 2) Bundle Search

Our bundle search allows you to search for several part numbers or Weltron item numbers in a single search act. The limited number of acts automatically unburdens and speeds up your system.

Request: <https://api.weltroniker.de/v1.1/api.php?key=1234&search=CL10B103KB8NNNC;CC1210KKX7R7BB226;CC0402KRX7R9BB104;CL10B104KB8NNNC;C1206C104K5RAC7800>

Parameter: *search* MPN (Manufacturer Part Number) or Weltron item number
minimum = 3 characters
individual searchstrings are separated by a semicolon (;)
number of searchstrings per request = 50 max (recommendation = 20)

JSON-Response – Bundle Search	Explanation:
<pre> 0: SearchTerm: "CL10B103KB8NNNC" Results: 0: searchterm: "CL10B103KB8NNNC" matchscore: "ExactMatch" sku: "501505.SAM" manufacturer: "Samsung Emech" mpn: "CL10B103KB8NNNC" description: "MLCC 0603 10nF X7R 10% 50V" 1: SearchTerm: "CC1210KKX7R7BB226" Results: 0: searchterm: "CC1210KKX7R7BB226" matchscore: "ExactMatch" sku: "082102105820" manufacturer: "Yageo" mpn: "CC1210KKX7R7BB226" description: "MLCC 1210 22uF X7R 10% 16V H=2.7" 1: searchterm: "CC1210KKX7R7BB226" matchscore: "Replacement(A)" sku: "082040040501" manufacturer: "Samsung Emech" mpn: "CL32B226KOJNNNE" description: "MLCC 1210 22uF X7R 10% 16V H=2.7" 2: SearchTerm: "CC0402KRX7R9BB104" Results: </pre>	<p>The results returned per Searchstring equal the structure of the Single Search.</p> <p>The results per Searchstring are summarized in a separate list, though.</p>