

In general, each page will be either a table list of products, or details of a single product. I will need a dictionary of all attributes of each product, like {'Manufacturer Part No': 'xxxx', 'Quantity': 1234}. The attributes may be different across web pages, and that's fine. But I want three attributes the most: **the available quantity, the price**, and the lead time (ship time). Some of these fields may come in complex text, like "\$10 for 10, \$15 for 20", etc, that's fine, you can just add {'price': '\$10 for 10, \$15 for 20'} to the returned dict.

The function template for each web page is like (use Newark as an example):

```
def ProductsFromNewark1(web_url):
```

```
    """Get product from a web page.
```

Args:

```
    Web_url: The url of the web page.
```

Returns:

```
    A list of products, each product is represented as a dict of attributes.
```

```
    """
```

```
    ...
```

```
    return [{'attribute': 'content'}] # where attribute can be any details about one product.
```

Please let me know if you have any questions! Thanks!

## Newark

the general url for product list is :

<http://www.newark.com/webapp/wcs/stores/servlet/Search?catalogId=15003&langId=-1&storeId=10194&st=A1101R04C&pageSize=25&showResults=true&aa=true>

red part can be replaced by part number

There are seven columns:


Newark Part No.	Manufacturer Part No	Manufacturer / Description	Avail	Price For	Quant ity
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I need information from Manufacturer part no, manufacturer/description to match the criteria customer posted.

Then I need the avail (need to click once to get availability information) and price as output

## Mouser

<http://www.mouser.com/Search/Refine.aspx?Keyword=A1101R04C>

Select	Image	Mouser Part #	Mfr. Part #	Mfr.	Description		Availability	Pricing (USD)	Quantity	RoHS
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I need information from Mfr. part #, Mfr. and Description to match the criteria customer posted.

Then I need the Availability and Pricing(USD) as output

Then on this page:

<http://www.mouser.com/ProductDetail/Anaren/A1101R04C00GM/?qs=sGAEpiMZZMu1CxYMHM6ijxFPCewM1MIJ>

I need Manufacturer Part #, Manufacturer and Description to match the criteria customer posted,

Then I need the 'Stock', 'Factory Lead time' and 'Pricing' as output

## Avnet

<https://products.avnet.com/webapp/wcs/stores/servlet/SearchDisplay?categoryId=&storeId=715839035&catalogId=10001&langId=-1&sType=SimpleSearch&resultCatEntryType=2&searchSource=Q&searchType=100&avnSearchType=all&searchTerm=A1101R04C>

I need Part, Product Name to match the criteria customer posted

Then price and availability as output (availability need to click the 'other stock' for showing leadtime)

## TTI :

[http://www.ttiinc.com/page/search\\_results.html?searchTerms=CDR32BX103BKUS&searchType=s&systemsCatalog=&autoComplete=false&x=14&y=7](http://www.ttiinc.com/page/search_results.html?searchTerms=CDR32BX103BKUS&searchType=s&systemsCatalog=&autoComplete=false&x=14&y=7)

I need image, Part number, Product description, Capacitance, Case Code-in, Dielectric to match the criteria customer posted

Then pricing and availability as output

[http://www.ttiinc.com/page/search\\_results.html?s=-729090318\\_43](http://www.ttiinc.com/page/search_results.html?s=-729090318_43)

Somehow red number represents one product and the number after it means different versions. Haven't figured out how the number is calculated.

I need part details to match customer's criteria and availability (in stock number) and mfr lead time as output

Master electronics:

<http://www.masterelectronics.com/parts.aspx?Text=mmss8050-h-tp&pagenum=3>

I need image, part number, supplier and description to match customer's criteria

And availability and pricing as output

Arrow:

<https://www.arrow.com/en/products/search?q=CDR32BX103BKUS>

I need image, part number, manufacturer, type and description to match customer's criteria

And stock and price as output

Future electronics:

<http://www.futureelectronics.com/en/Search.aspx?dsNav=Ntk:PartNumberSearch%7cMMSS8050%7c1%7c.Ny:True.Nea:True>

I need image, MFr Part #, Manufacturer and description (see below for instructions) to match customer's criteria

And stock and price (As low as: \$0.0187 (USD)) as output

### **MICRO COMMERCIAL COMP (Manufacturer)**

MMSS8050-H Series 25 V 1.5 A NPN Silicon Plastic-Encapsulate Transistor-SOT-23 ([description](#))

Mfr Part#: [MMSS8050-H-TP](#)

Rutronik:

<https://www.rutronik24.com/search-result/qs:AY2222M35Y5US63L7/reset:0>

I need image, manufacturer, part number and description to match customer's criteria (see blue notes)



(manufacturer)

# AY2222M35Y5US63L7

## (part number)

KF2,2nF250Vac2,6kV20%X1Y2RM... (description)

Packaging: BULK (packaging)

And stock info and price as output

<https://www.rutronik24.com/product/vishay/ay2222m35y5us63l7/5953037.html>

I need part number (AY2222M35Y5US63L7), supplier (Vishay), description

(Matchcode:KF2,2N07,5X1Y2M2600VACAECQ

Rutronik No.: KKS4354

Unit Pack: 1000

MOQ: 1000

Packaging: BULK)

Then price (1,0000.12032 \$2,0000.10744 \$16,0000.09798 \$50,0000.09368 )and lead time  
(Supplier Leadtime 9 weeks)