

Product Information Excel Add-in Usage Manual



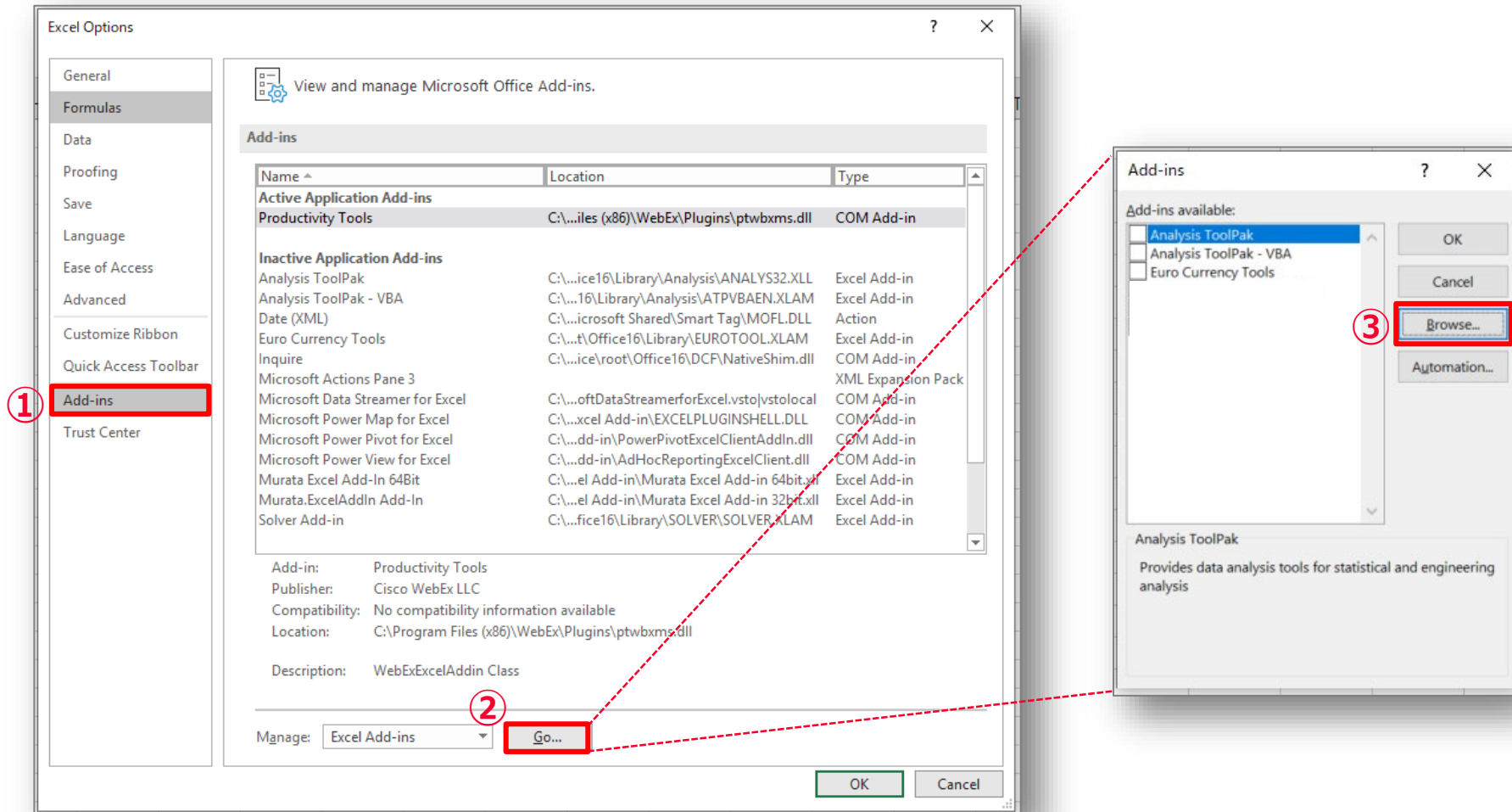
Overview of Product Information Excel Add-in

- This is an Excel function which returns a portion of the latest information including the status, specification, and URL, etc. for our products.
- The API key, part number, and language specification are required as input parameters referenced by the function.
- This Excel function returns information resulting from a search for one part number. Please note that characters such as '|', '*', and '?' cannot be used in the part number.
- The operating environment is as follows. (Operation in environments other than that described below is not guaranteed)
 - OS : Windows10
 - Excel : Excel 2013, Excel 2016 (Windows version only. Excel online is not supported)
- list of custom Excel functions

Function names	Retrievable items	Ceramic Capacitors	Inductors
MURATA_GET_PRODUCTION_STATUS	Status	○	○
MURATA_GET_SIZECODEININCH	Size Code Inch	○	○
MURATA_GET_CAPACITANCE	Capacitance Text	○	
MURATA_GET_RATEDVOLTAGE	Rated Voltage Text	○	
MURATA_GET_TEMPECHARACTERISTICS	Temperature Characteristics	○	
MURATA_GET_LEADSPACE	Lead Space Text	○	
MURATA_GET_INDUCTANCE	Inductance Text		○
MURATA_GET_RATEDCURRENT	Rated Current Text		○
MURATA_GET_RATEDCURRENT_ITEMP	Rated Current(Itemp) Text		○
MURATA_GET_RATEDCURRENT_ISAT	Rated Current(Isat) Text		○
MURATA_GET_PRODUCTDETAILURL	Product Detail URL	○	○
MURATA_GET_ADDSAMPLECARTURL	Sample Request URL	○	○

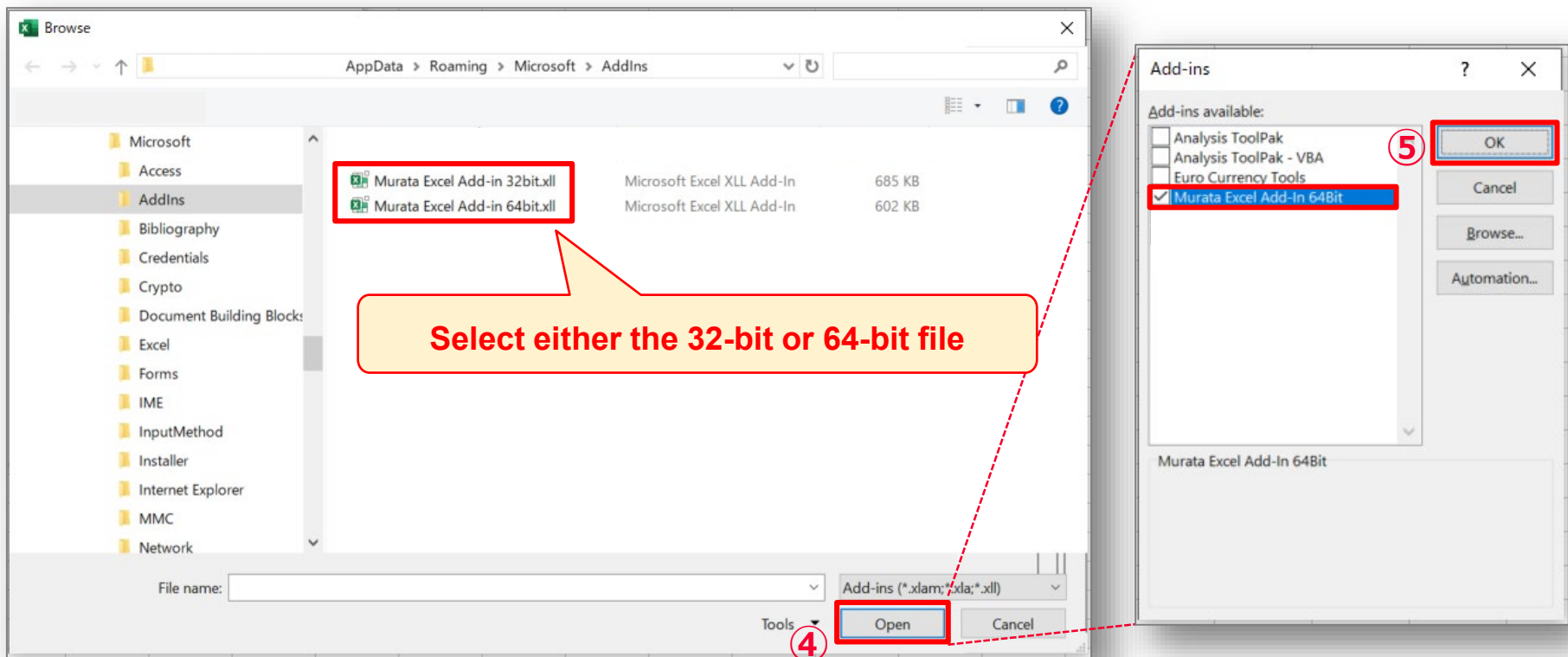
1. Excel Add-in registration

- Click "File > Options > Add-ins > Settings > Browse" to register the downloaded Excel Add-in file (Murata Excel Add-in.xll).



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2. Excel function selection

- Enter "=MURATA" in the cell and select the function of the corresponding information item from the function list which is displayed.

The screenshot shows the Microsoft Excel interface with the 'Formulas' tab selected. The 'MURATA' function list is displayed in a dropdown menu, showing various functions for retrieving data from the Murata API. The functions listed are:

- MURATA_GET_ADDSAMPLECARTURL
- MURATA_GET_CAPACITANCE
- MURATA_GET_INDUCTANCE
- MURATA_GET_LEADSPACE
- MURATA_GET_PRODUCTDETAILURL
- MURATA_GET_PRODUCTION_STATUS
- MURATA_GET_RATEDCURRENT
- MURATA_GET_RATEDCURRENT_ISAT
- MURATA_GET_RATEDCURRENT_ITEMP
- MURATA_GET_RATEDVOLTAGE
- MURATA_GET_SIZECODEININCH
- MURATA_GET_TEMPECHARACTERISTICS

The background shows a form with the following fields:

- API Key**: A text input field.
- Language**: A dropdown menu with options: ja, en, zh.
- Ceramic Capacitors**: A table with columns: Part Number, Status, Size Code Inch, Capacitance Text, Rated Voltage Text, Temperature Characteristics, Lead Space Text, Product Detail URL, Sample Request URL.
- Inductors**: A table with columns: Part Number, Status, Size Code Inch, Inductance Text, Rated Current Text, Rated Current (Itemp) Text, Rated Current (Isat) Text, Product Detail URL, Sample Request URL.

3. Argument setting

- After selecting the function, click the Function Wizard (fx) to display the argument guide.

1

API Key

※ Please enter the API Key

Language

ja

en

zh

• Ceramic Capacitors

Part Number	Status	Size Code Inch	Capacitance Text	Rated Voltage Text	Temperature Characteristics	Lead Space Text	Product Detail URL	Sample Request URL
GRM31A5C3A151FW01J	In Production	1206 (3216M)	150pF ±1%	1000Vdc	COG	No data corresponding to	https://www.murata.com/en/web/s	https://my.murata.com/en/web/s
DE6B3KJ101KB3BE01J	In Production	No data corresponding to	100pF ±10%	300Vac(r.m.s.)	B	7.5±0.8mm	https://www.murata.com/en/web/s	No data corresponding to the rec
GCM0335C1E100FA16D	=MURATA_GET_PRODUCTION_STATUS()							

• Inductors

Part Number	Status	Size Code Inch	Inductance Text	Rated Current Text	Rated Current (Itemp) Text	Rated Current (Isat) Text	Product Detail URL	Sample Request URL
LQW03AW10NJ00D	In Production	0201 (0603)	10nH±5%	No data corresponding to	250mA	No data corresponding to	https://www.murata.com/en/web/s	https://my.murata.com/en/web/s
#A914BY-101M=P3	In Production	2020 (5252)	100μH±20%	No data corresponding to	260mA	230mA	https://www.murata.com/en/web/s	https://my.murata.com/en/web/s

Function Arguments

MURATA_GET_PRODUCTION_STATUS

Apikey |

PartNo

Language

Gets the production status of the part number.

Apikey Api Key(Required).

Formula result = Api key is not set.

Help on this function

OK Cancel

Explanation of the selected argument

3. Argument setting

- When the cell of each argument is configured, the input value and output value are displayed.

Function Arguments

MURATA_GET_PRODUCTION_STATUS

APIKey: C2
PartNo: B15
Language: B7

Gets the production status of the part number.

Language: Language (Optional, values = ja/zh/en, default = en).

Formula result = In Production

OK Cancel

Input value

Output value

Part Number	Status	Size Code Inch	Capacitance Text	Rated Voltage Text	Temperature Characteristics	Lead Space Text	Product Detail URL	Sample Request URL
GRM31A5C3A151FW01J	In Production	1206 (3216M)	150pF ±1%	1000Vdc	C0G	No data corresponding to	https://www.murata.com/en/web/s...	https://my.murata.com/en/web/s...
DE6B3KJ101KB3BE01J	In Production	No data corresponding to	100pF ±10%	300Vac(r.m.s.)	B	7.5±0.8mm	https://www.murata.com/en/web/s...	No data corresponding to the rec...
GCM0335C1E100FA16D	=MURATA_GET_PRODUCTION_STATUS(\$C\$2,\$B15,\$B\$7)							

Part Number	Status	Size Code Inch	Inductance Text	Rated Current Text	Rated Current (Itemp) Text	Rated Current (Isat) Text	Product Detail URL	Sample Request URL
LQW03AW10NJ00D	In Production	0201 (0603)	10nH±5%	No data corresponding to	250mA	No data corresponding to	https://www.murata.com/en/web/s...	https://my.murata.com/en/web/s...
#A914BY-101M=P3	In Production	2020 (5252)	100µH±20%	No data corresponding to	260mA	230mA	https://www.murata.com/en/web/s...	https://my.murata.com/en/web/s...

4. Product information retrieval verification

- The output value is displayed in the Excel worksheet.

The screenshot shows an Excel spreadsheet with the following structure:

- Row 1:** API Key (Cell B2, highlighted in orange)
- Row 2:** Language (Cell B3, highlighted in green)
- Row 3:** ja
- Row 4:** en
- Row 5:** zh
- Row 6:** • Ceramic Capacitors
- Row 7:** Table header for Ceramic Capacitors: Part Number, Status, Size Code Inch, Capacitance Text, Rated Voltage Text, Temperature Characteristics, Lead Space Text, Product Detail URL, Sample Request URL
- Row 8:** GRM31A5C3A151FW01J, In Production, 1206 (3216M), 150pF ±1%, 1000Vdc, COG, No data corresponding to, https://www.murata.com/e, https://my.murata.com/en/web/s
- Row 9:** DE6B3KJ101KB3BE01J, In Production, No data corresponding to, 100pF ±10%, 300Vac(r.m.s.), B, 7.5±0.8mm, https://www.murata.com/e, https://my.murata.com/en/web/s
- Row 10:** GCM0335C1E100FA16D, In Production, No data corresponding to, No data corresponding to the rec
- Row 11:** • Inductors
- Row 12:** Table header for Inductors: Part Number, Status, Size Code Inch, Inductance Text, Rated Current Text, Rated Current (Itemp) Text, Rated Current (Isat) Text, Product Detail URL, Sample Request URL
- Row 13:** LQW03AW10NJ00D, In Production, 0201 (0603), 10nH±5%, No data corresponding to, 250mA, No data corresponding to, https://www.murata.com/e, https://my.murata.com/en/web/s
- Row 14:** #A914BY-101M=P3, In Production, 2020 (5252), 100µH±20%, No data corresponding to, 260mA, 230mA, https://www.murata.com/e, https://my.murata.com/en/web/s

A red box highlights the 'In Production' status for part GCM0335C1E100FA16D, with a callout bubble saying 'Output value'.