

Template:MicroprocessorDevice

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1 Usage

The `MicroprocessorDevice` template is used **to indicate for which microprocessor device(s), an article part (chapter, paragraph, table...) is valid**. Per default (i.e. if this template is not used), any part of an article is valid for all microprocessor devices for which the entire article is valid.

It outputs a "standardized" string that might be used to name an article part.

```
Usage: {{MicroprocessorDevice | device=<device> | security=<security>}}
```

Where:

- **<device>** is the **mandatory** identifier (one to three digits) that specify the Series, the lines or the line. The possible values are:
 - **1**: STM32MP1 Series
 - **15**: STM32MP15x lines
 - **151**: STM32MP151 access line
 - **153**: STM32MP153 foundation line
 - **157**: STM32MP157 advanced line
- **<security>** is the **optional** identifier (one letter) that specifies the security. The possible values are:
 - **A**: Basic
 - **C**: Secure boot and cryptography

Clicking on the icon displays **the article about the microprocessor device lines** (e.g. [STM32MP15 microprocessor](#)).

2 Basic examples

You type

STM32MP1 Series

```
{{MicroprocessorDevice | device=1}}
```

You get

STM32MP1 Series

STM32MP15x lines

```
{{MicroprocessorDevice | device=15}}
```

STM32MP15x lines

STM32MP157 line

```
{{MicroprocessorDevice | device=157}}
```

STM32MP157 line i

STM32MP15x lines with basic security

```
{{MicroprocessorDevice | device=15 | security=A}}
```

STM32MP15xA lines i

STM32MP157 line with secure boot and cryptography

```
{{MicroprocessorDevice | device=157 | security=C}}
```

STM32MP157C line i

3 More examples

You type

Unspecified microprocessor device

```
{{MicroprocessorDevice}}
```

You get

STM32MP **unknown microprocessor device**

Unknown Series

```
{{MicroprocessorDevice | device=0}}
```

STM32MP0 **unknown microprocessor device**

Unknown lines

```
{{MicroprocessorDevice | device=11}}
```

STM32MP11 **unknown microprocessor device**

Unknown line

```
{{MicroprocessorDevice | device=154}}
```

STM32MP154 **unknown microprocessor device**

Unknown line

```
{{MicroprocessorDevice | device=1531}}
```

STM32MP1531 **unknown microprocessor device**

Unknown security

```
{{MicroprocessorDevice | device=15 | security=Z}}
```

unknown security STM32MP15xZ lines i

Unknown line and security

```
{{MicroprocessorDevice | device=152 |  
security=Z}}
```

unknown security STM32MP152 **unknown
microprocessor device**

4 Code

STM32MP **unknown microprocessor device**