

CPUType

This is a CFunction module which will return the type of CPU that MMBasic is current running on.

Adding the Function to MMBasic

To add the CPUType function to MMBasic you must insert the following code somewhere in your BASIC program (you can use copy and paste from this document). The exact spot is not important but at the end of the program is convenient.

```
CFunction CPUType
00000000
3C03BF81 8C62F220 8C64F220 3C030660 7C84D800 24630053 10830028 3C03F99E
7C42D800 3463FFAD 00431021 2C420001 3C03BF81 8C69F220 3C040661 8C67F220
3485A053 8C66F220 7D29D800 01254826 7CE7D800 8C65F220 2484A053 3C030580
24080003 00E42026 3463A053 0109100A 7CC6D800 24070004 00E4100A 00C33026
7CA4D800 24631000 24050005 10830006 00A6100A 00402021 00002821 00801021
03E00008 00A01821 24040006 00002821 00801021 03E00008 00A01821 1000FFDC
24020002
End CFunction
```

Parameters

The CPUType function (created by adding the above code) does not take any parameters so you can use empty brackets;

```
r = CPUType ( )
```

The return value is a number representing the processor

1 = PIC32MX170F256B (the standard 28 pin Micromite MkII)

2 = PIC32MX270F256B

3 = PIC32MX170F256D (the standard 44 pin Micromite MkII)

4 = PIC32MX270F256D

5 = PIC32MX470F512H (64-pin Micromite Plus)

6 = PIC32MX470F512L (100 -pin Micromite Plus)

0 = Unknown processor

Using the Function

The function is simple to use. For example:

```
r = CPUType( )
PRINT r
```

On a standard 44-pin Micromite MkII this will display

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