

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 typical.

```
CFunction CPUType 00000000
  3c03bf81 8c62f220 8c64f220 3c030660 7c84d800 24630053 1083001b 3c03f99e
  7c42d800 3463ffad 00431021 2c420001 3c04bf81 8c86f220 3c030661 8c84f220
  3465a053 7cc6d800 00c53026 7c84d800 24050003 2463a053 10830006 00a6100a
  00402021 00002821 00801021 03e00008 00a01821 24040004 00002821 00801021
  03e00008 00a01821 1000ffe9 24020002
End CFunction
```

Parameters

The CPUType function (created by adding the above code) does not take any parameters but you do need to use one dummy parameter to keep MMBasic from complaining (this can be just the number zero);

```
r = CPUType ( 0 )
```

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

0 = Unknown processor

Using the Function

The function is simple to use. For example:

```
r = CPUType( 0 )
PRINT r
```

On a standard 44-pin Micromite MkII this will display

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