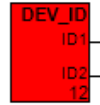


## Function Block 189

## Get Device ID

### Function Description

Function blocks to provide the contents of the DEVICE ID REGISTER 1 and 2.



### DEVICE ID REGISTER 1

DEV2	DEV1	DEV0	REV4	REV3	REV2	REV1	REV0
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### DEVICE ID REGISTER 2

DEV10	DEV9	DEV8	DEV7	DEV6	DEV5	DEV4	DEV3
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### DEV10:DEV3

0000 1100 = PIC18F2420/2520/4420/4520  
0000 0100 = PIC18F242/252/442/452

### DEV2:DEV0 Device ID bits for PIC18F2420/2520/4420/4520

000 = PIC18F252  
001 = PIC18F452  
100 = PIC18F242  
101 = PIC18F442

### DEV2:DEV0 Device ID bits for PIC18F242/252/442/452

000 = PIC18F4520  
010 = PIC18F4420  
100 = PIC18F2520  
110 = PIC18F2420

### REV4:REV0 Revision ID bits

These bits indicate the device revision

### Popup Parameters

- Execution sequence number.

### Input/Output and Parameters

Type	Description	Data Type	Range
Output 1	ID1: DEVICE ID REGISTER 1	BYTE	0....255
Output 2	ID2: DEVICE ID REGISTER 2	BYTE	0....255

### Application

Determine the device type (which should be the same as that marked on the chip!), and, more important, the device revision.

### Notes

This function block is supplied for those who want to know, and those whose programmers cannot read the device ID.

