

# FLASH\_VR\_LAST

## Type:

System Parameter

## Syntax:

FLASH\_VR\_LAST

## Description:

FLASH\_VR\_FIRST, FLASH\_VR\_LAST, FLASH\_TABLE\_FIRST and FLASH\_TABLE\_LAST are system parameters that allow user configuration of the range of VR/TABLE locations that are preserved in flash memory. VR and TABLE locations outside the defined range will not be preserved when the power is removed.

*Requires firmware V2.0313 and later.*

## Parameters:

Value: the VR index where storing global VR values in flash will end.

		Flex-6 Nano	MC6N	MC508	MC664	Other
FLASH_VR_FIRST	Min	0	0	0	0	0
	Max	16383	16383	16383	65535	4095
FLASH_VR_LAST	Min	0	0	0	0	0
	Max	16383	16383	16383	65535	4095
FLASH_TABLE_FIRST	Min	0	0	0	0	0
	Max	127999	127999	63999	196607	(note 1)
FLASH_TABLE_LAST	Min	0	0	0	0	0
	Max	127999	127999	63999	196607	(note 1)

*Note 1: MC403, MC405, MC4N do not autosave TABLE values. FLASH\_DATA can be used to configure the Motion Coordinator for TABLE instead of VR. In that case FLASH\_TABLE\_LAST has the same max value as FLASH\_VR\_LAST.*

## Example:

Set up the VR auto-save to only save VRs from 0 to 499 in Flash memory. VR(500) and above will therefore be volatile and set to 0 on each power up.

```
FLASH_VR_FIRST = 0  
FLASH_VR_LAST = 499
```

**See Also:**

[FLASH VR FIRST](#), [FLASH TABLE FIRST](#), [FLASH TABLE LAST](#)