

# BitReplace

This function returns the unsigned number formed by var value with replacement specified at bits field to field + width - 1

## Syntax

```
uint bitReplace(uint var, uint replaceValue, int field [, int width = 1])
```

### Required arguments

- **var:** The value
- **replaceValue:** The replaceValue
- **field:** The field number

### Optional Arguments

*NOTE:* When using optional arguments, you might need to supply all arguments before the one you wish to use. For more information on optional arguments, see optional arguments.

- **width:** Number of bits to extract

### Returns

Returns the replaced value/bit sequence.