# BitExtract

This function returns the unsigned number formed by the bits field to field + width - 1 (range: 0-31).

## Syntax

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

### Required arguments

- **var:** The value
- **field:** The field number
- **width:** Number of bits to extract

### Returns

Returns the extracted value/bit sequence.