

# ASCII for AVR

0.1.0

Generated by Doxygen 1.8.2

Mon Sep 17 2012 12:52:28

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## 1 ASCII

ASCII codes for uses with AVR librairies

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## 1.2 Specifications

### 1.2.1 Language

- C (c99)

### 1.2.2 Compiler

- avr-gcc

### 1.2.3 Target

- ALL

## 1.3 More informations

## 2 Todo List

### File [ascii.h](#)

Make all number and not a mix

## 3 File Documentation

### 3.1 [ascii.h](#) File Reference

ASCII code.

#### Macros

##### Useful characters

- #define [ascii\\_NULL](#) 0  
*To terminate a string ('\0')*
- #define [ascii\\_EOT](#) 4  
*End of Transmission.*
- #define [ascii\\_BS](#) 8  
*Backspace.*
- #define [ascii\\_ENTER](#) 13  
*Enter.*
- #define [ascii\\_ESC](#) 27  
*Escape.*

- `#define ascii_SPACE 32`  
*Space.*
- `#define ascii_DEL 127`  
*Delete.*
- `#define ascii_CR '\r'`  
*Carriage Return.*
- `#define ascii_LF '\n'`  
*Line Feed.*
- `#define ascii_NUMERIC_OFFSET 48`  
*Add this number to convert to a ASCII number.*

### 3.1.1 Detailed Description

ASCII code.

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**Todo** Make all number and not a mix

### 3.1.2 Macro Definition Documentation

#### 3.1.2.1 `#define ascii_NUMERIC_OFFSET 48`

Add this number to convert to a ASCII number.

#### Example

```
usart_SendCharacter(2 + ascii_NUMERIC_OFFSET)
```

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