

ASCII for AVR
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1 ASCII

ASCII codes for uses with AVR librairies

Author

Patrice Nadeau patricen@telwarwick.net
www : <http://nadeaup.homeip.net>

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1.2 Specifications

1.2.1 Language

- C (c99)

1.2.2 Compiler

- avr-gcc

1.2.3 Target

uC tested are in bold

- ALL
- **ATmega168**

1.3 More informations

2 File Documentation

2.1 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` 13
Carriage Return ('\r')
- `#define` `ascii_LF` 18
Line Feed ('\n')
- `#define` `ascii_NUMERIC_OFFSET` 48
Add this number to convert to a ASCII number.

2.1.1 Detailed Description

ASCII code.

Author

Patrice Nadeau `patricen@telwarwick.net`

2.1.2 Macro Definition Documentation

2.1.2.1 `#define` `ascii_NUMERIC_OFFSET` 48

Add this number to convert to a ASCII number.

Example

Send the number 2 as a character

```
...  
  uart_SendCharacter(2 + ascii_NUMERIC_OFFSET)  
...
```

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