

N76E885 Sample Code Directory

Directory Introduction for 8-bit 8051 MCU Family

Directory Information

Document	Reversion history.
SampleCode	Sample code of N76E885.

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1 Document Information

**N76E885 Sample Code
Revision History.pdf**

This document shows the revision history of N76E885 sample code.

2 Sample Code Information

SampleCode	Demonstrate N76E885 function in Keil C51
Common	Common files for Tiny Board sample code.
Include	Header file of N76E885
Startup	Startup file of N76E885

3 \SampleCode

ADC	Demonstrate ADC function and show the conversion result to PC.
Clock_Out	Demonstrate clock output function from system clock.
GPIO	Demonstrate GPIO toggling function.
GPIO - Simple for A51	Demonstrate GPIO toggling function by assembly code.
GPIO - Simple for C51	Demonstrate GPIO toggling function by C code.
Hello_Uart0	Demonstrate UART0 function and printout "Hello N76E885" words.
Hello_Uart1	Demonstrate UART1 function and printout "Hello N76E885" words.
I2C_EEPROM	Demonstrate I2C function to read/write a EEPROM device.
I2C_Master-Slave	Demonstrate I2C Master-Slave mode function.
Interrupt-Wake-Up	Demonstrate wake up function from power down mode through GPIO trigger.
ISP_AP-Program-AP	Demonstrate ISP function through APROM programming APROM.
ISP_LD-Program-AP	Demonstrate ISP function through LDROM programming APROM.
Pin_Interrupt	Demonstrate wake up function from power down mode through GPIO trigger.
PWM	Demonstrate PWM relative functions including "Fault Break" one.
SPI_Flash	Demonstrate SPI function to read/write a EEPROM device.
SPI_Master-Slave	Demonstrate SPI Master-Slave mode function.
Timer01_mode_0	Demonstrate Timer01 mode 0 (13-bit timer) function.

Timer01_mode_1	Demonstrate Timer01 mode 1 (16-bit timer) function.
Timer01_mode_2	Demonstrate Timer01 mode 2 (8-bit auto-reload) function.
Timer01_mode_3	Demonstrate Timer01 mode 3 (two separate 8-bit timers) function.
Timer2_AutoReload	Demonstrate Timer2 auto-reload function.
Timer2_Capture	Demonstrate Timer2 capture function.
Timer2_Compare	Demonstrate Timer2 compare function.
Timer3	Demonstrate Timer3 16-bit auto-reload function.
UART0_AAR	Demonstrate UART0 AAR function.
UART0_mode_1	Demonstrate UART0 mode 1 function.
UART0_mode_2	Demonstrate UART0 mode 2 function.
UART0_mode_3	Demonstrate UART0 mode 3 function.
UART1_mode_1	Demonstrate UART1 mode 1 function.
Watch_Dog	Demonstrate WDT function.
xRAM_256B	Demonstrate SRAM access function.

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