

1. Description

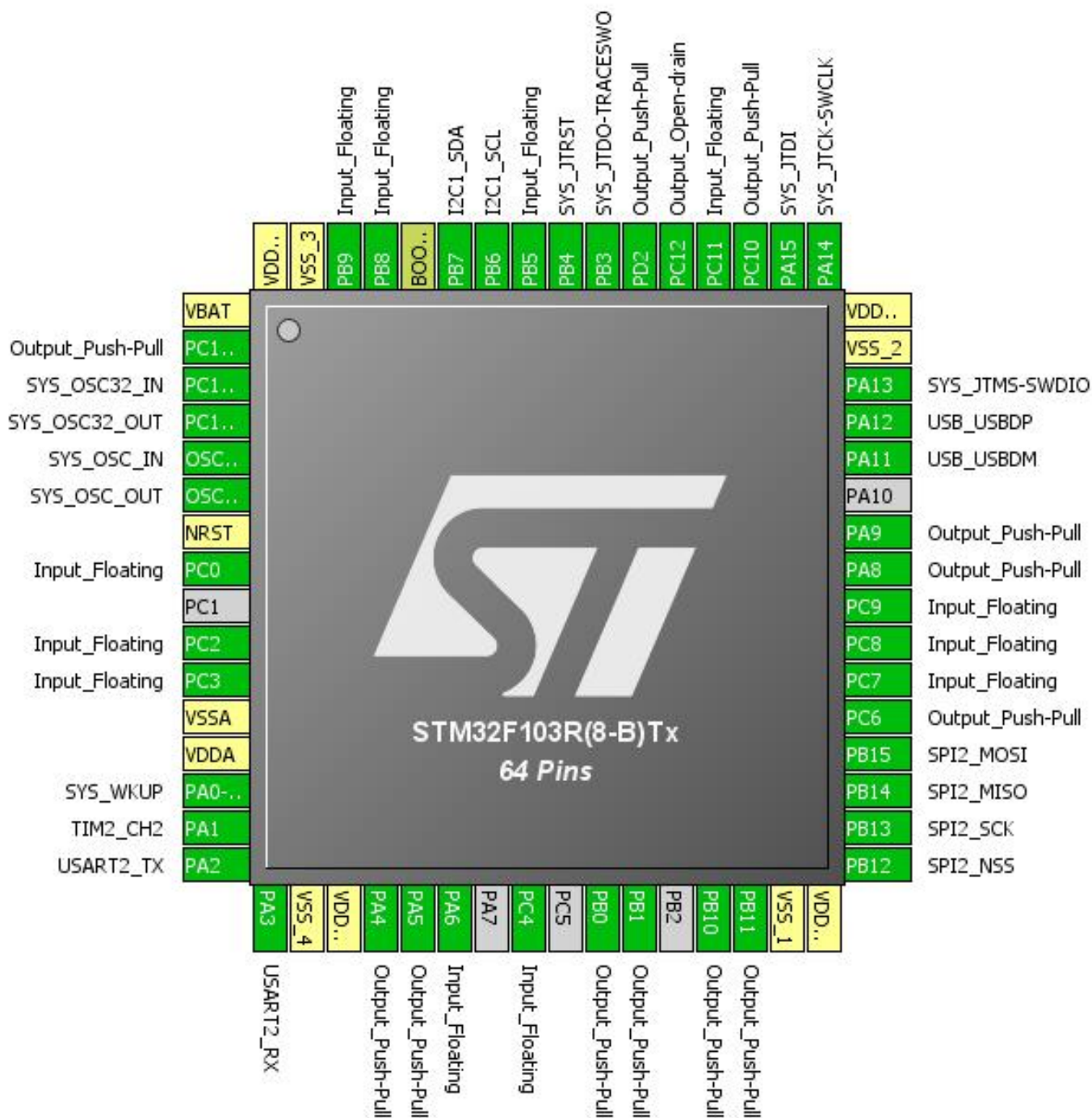
1.1. Project

Project Name	trecker
Generated with:	MicroXplorer V2.0
Date	03/14/2012

1.2. MCU

MCU family	STM32
MCU name	STM32F103R(8-B)Tx
MCU Package	LQFP64
MCU Pin number	64

2. Pinout Configuration



3. Peripherals Configuration

Peripheral	Mode	Remap	Fonction	Pin
SPI2	Full-Duplex-Master_With-NSS	0	SPI2_MISO	PB14
			SPI2_MOSI	PB15
			SPI2_NSS	PB12
			SPI2_SCK	PB13
I2C1	I2C	0	I2C1_SCL	PB6
			I2C1_SDA	PB7
USART2	Asynchronous	0	USART2_RX	PA3
			USART2_TX	PA2
USB	USB_FS	0	USB_USBDM	PA11
			USB_USBDP	PA12
SYS	JTAG(5-pin)	0	SYS_JTCK-SWCLK	PA14
			SYS_JTDI	PA15
			SYS_JTDO-TRACESWO	PB3
			SYS_JTMS-SWDIO	PA13
			SYS_JTRST	PB4
	SYS-OSC	0	SYS_OSC_IN	OSC_IN-PD0
			SYS_OSC_OUT	OSC_OUT-PD1
	SYS-OSC32	0	SYS_OSC32_IN	PC14-OSC32_IN
			SYS_OSC32_OUT	PC15-OSC32_OUT
	SYS-WKUP	0	SYS_WKUP	PA0-WKUP

4. Pins configuration

Pins	Pos	Functions
PC13-ANTI_TAMP *	2	Output_Push-Pull
PC14-OSC32_IN	3	SYS_OSC32_IN
PC15-OSC32_OUT	4	SYS_OSC32_OUT
OSC_IN-PD0	5	SYS_OSC_IN
OSC_OUT-PD1	6	SYS_OSC_OUT
PC0 *	8	Input_Floating
PC2 *	10	Input_Floating
PC3 *	11	Input_Floating
PA0-WKUP	14	SYS_WKUP
PA1 **	15	TIM2_CH2
PA2	16	USART2_TX
PA3	17	USART2_RX
PA4 *	20	Output_Push-Pull
PA5 *	21	Output_Push-Pull
PA6 *	22	Input_Floating
PC4 *	24	Input_Floating
PB0 *	26	Output_Push-Pull
PB1 *	27	Output_Push-Pull
PB10 *	29	Output_Push-Pull
PB11 *	30	Output_Push-Pull
PB12	33	SPI2_NSS
PB13	34	SPI2_SCK
PB14	35	SPI2_MISO
PB15	36	SPI2_MOSI
PC6 *	37	Output_Push-Pull
PC7 *	38	Input_Floating
PC8 *	39	Input_Floating
PC9 *	40	Input_Floating
PA8 *	41	Output_Push-Pull
PA9 *	42	Output_Push-Pull
PA11	44	USB_USBDM
PA12	45	USB_USBDP
PA13	46	SYS_JTMS-SWDIO
PA14	49	SYS_JTCK-SWCLK
PA15	50	SYS_JTDI
PC10 *	51	Output_Push-Pull
PC11 *	52	Input_Floating
PC12 *	53	Output_Open-drain
PD2 *	54	Output_Push-Pull

Pins	Pos	Functions
PB3	55	SYS_JTDO-TRACESWO
PB4	56	SYS_JTRST
PB5 *	57	Input_Floating
PB6	58	I2C1_SCL
PB7	59	I2C1_SDA
PB8 *	61	Input_Floating
PB9 *	62	Input_Floating

* The pin is affected with an I/O function

** The pin is affected with a peripheral function but no peripheral mode is activated