

ROMUARTUSB

ROMUARTUSB OTG

- USB
- UART

USB

ROMHS PHYUSB OTG

USB OTG HS48 MHz60 MHzHSERCC

ROMHSE

8, 10, 12, 14, 16, 20, 24, 25, 26, 28, 32, 36, 40, 48 MHz

ROMHSE:

- OTP WORD 3.HSE_value0b00ROMHSIRCCHSE

81012141620243236284048 MHzROMHSE = 24 MHz

- OTP WORD 3.HSE_value0b01HSE = 24 MHz
- OTP WORD 3.HSE_value0b10HSE = 25 MHz
- OTP WORD 3.HSE_value0b11HSE = 26 MHz

UART

ROMUART:

- USART / UART
 - USART2, USART3, UART4, UART5, USART6, UART7, UART8

8

Configuration:

ROMUART OTP WORD 3uart_instances_disable

ROMAFmux

ROMUARTRXRUARTROMTXRX USBUART RX

UARTs

USART2		USART5		UART8	
IO name	Pin id (AF mux)	IO name	Pin id (AF mux)	IO name	Pin id (AF mux)
USART2_RX	PA3 (AF07)	USART5_RX	PB5 (AF12)	UART8_RX	PE0 (AF08)
USART2_TX	PA2 (AF07)	USART5_TX	PB13 (AF14)	UART8_TX	PE1 (AF08)
USART3		USART6			
IO name	Pin id (AF mux)	IO name	Pin id (AF mux)		
USART3_RX	PB12 (AF08)	USART6_RX	PC7 (AF07)		
USART3_TX	PB10 (AF07)	USART6_TX	PC6 (AF07)		
UART4		UART7			
IO name	Pin id (AF mux)	IO name	Pin id (AF mux)		
UART4_RX	PB2 (AF08)	UART7_RX	PF6 (AF07)		
UART4_TX	PG11 (AF06)	UART7_TX	PF7 (AF07)		