

Register map

Created with [Corsair](#) v1.0.4.

Conventions

Access mode	Description
rw	Read and Write
rw1c	Read and Write 1 to Clear
rw1s	Read and Write 1 to Set
ro	Read Only
roc	Read Only to Clear
roll	Read Only / Latch Low
rolh	Read Only / Latch High
wo	Write only
wosc	Write Only / Self Clear

Register map summary

Base address: 0x60000000

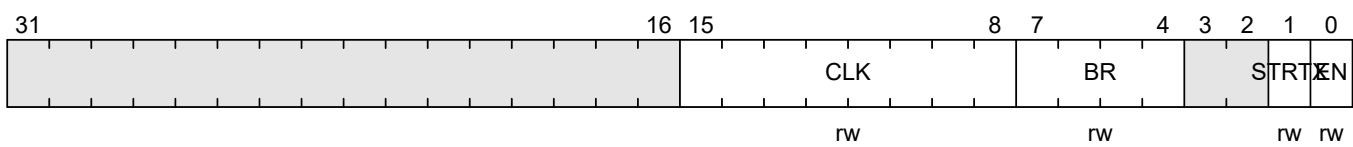
Name	Address	Description
U_CTRL	0x00000000	UART Configuration Register
U_STAT	0x00000004	UART Status Register
U_TXDATA	0x00000008	UART Transmit Data Register
U_RXDATA	0x0000000c	UART Receive Data Register

U_CTRL

UART Configuration Register

Address offset: 0x00000000

Reset value: 0x000000f0



Name	Bits	Mode	Reset	Description
-	31:16	-	0x0000	Reserved
CLK	15:8	rw	0x00	System Clock Frequency (in MHz or other unit, implementation-defined)
BR	7:4	rw	0xf	Baud Rate Selector
-	3:2	-	0x0	Reserved
STRTX	1	rw	0x0	Start Transmission (1 cycle pulse)
EN	0	rw	0x0	Enable UART

Enumerated values for U_CTRL.BR.

Name	Value	Description
BR_600	0x0	600 bps
BR_1200	0x1	1200 bps
BR_2400	0x2	2400 bps
BR_4800	0x3	4800 bps
BR_9600	0x4	9600 bps
BR_14400	0x5	14400 bps
BR_19200	0x6	19200 bps
BR_38400	0x7	38400 bps
BR_56000	0x8	56000 bps
BR_57600	0x9	57600 bps
BR_115200	0xf	115200 bps

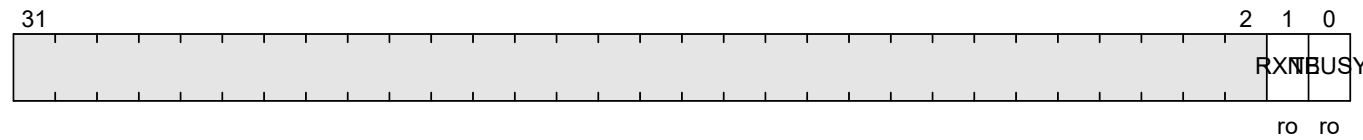
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U_STAT

UART Status Register

Address offset: 0x00000004

Reset value: 0x00000000



Name	Bits	Mode	Reset	Description
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Name	Bits	Mode	Reset	Description
-	31:2	-	0x00000000	Reserved
RXNE	1	ro	0x0	Receive Buffer Not Empty
TBUSY	0	ro	0x0	Transmitter Busy

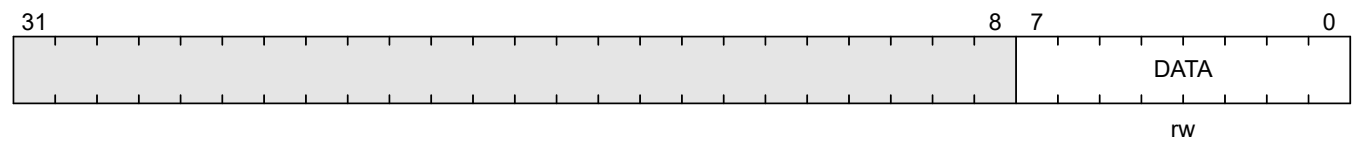
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U_TXDATA

UART Transmit Data Register

Address offset: 0x00000008

Reset value: 0x00000000



Name	Bits	Mode	Reset	Description
-	31:8	-	0x00000000	Reserved
DATA	7:0	rw	0x00	Data To Transmit

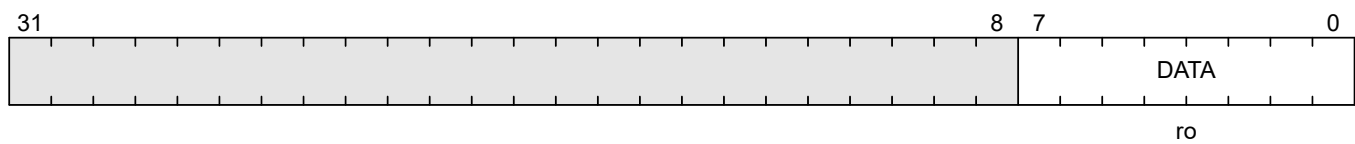
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U_RXDATA

UART Receive Data Register

Address offset: 0x0000000c

Reset value: 0x00000000



Name	Bits	Mode	Reset	Description
-	31:8	-	0x00000000	Reserved
DATA	7:0	ro	0x00	Received Data

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