

Clears the DMAy Streamx's pending flags.

清除DMAy Streamx的挂起标志。



Clears the DMAy Streamx's interrupt pending bits.

清除DMAy Streamx的中断挂起位。



Enables or disables the specified DMAy Streamx.

启用或禁用指定的DMAy Streamx。



Deinitialize the DMAy Streamx registers to their default reset values.

将DMAy Streamx寄存器初始化为默认的复位值。



Enables or disables the double buffer mode for the selected DMA stream.

为选定的DMA流启用或禁用双缓冲模式。



Configures, when the DMAy Streamx is disabled, the double buffer mode and the current memory target.

在禁用DMAy Streamx时配置双缓冲模式和当前内存目标。



Configures, when the DMAy Streamx is disabled, the flow controller for the next transactions (Peripheral or Memory).

在禁用DMAy Streamx时，配置下一个事务（外围设备或内存）的流控制器。



Returns the status of EN bit for the specified DMAy Streamx.

返回指定DMAy Streamx的EN位的状态。



Returns the number of remaining data units in the current DMAy Streamx transfer.

返回当前DMAy Streamx传输中剩余数据单元的数量。



Returns the current memory target used by double buffer transfer.

返回双缓冲区传输使用的当前内存目标。



Returns the current DMAy Streamx FIFO filled level.

返回当前的DMAy Streamx FIFO填充级别。



Checks whether the specified DMAy Streamx flag is set or not.

检查是否设置了指定的DMAy Streamx标志。



Checks whether the specified DMAy Streamx interrupt has occurred or not.

检查是否发生了指定的DMAy Streamx中断。



Initializes the DMAy Streamx according to the specified parameters in the DMA\_InitStruct structure.

根据DMA\_InitStruct结构中的指定参数初始化DMAy Streamx。



Enables or disables the specified DMAy Streamx interrupts.

启用或禁用指定的DMAy Streamx中断。



Configures the Memory address for the next buffer transfer in double buffer mode (for dynamic use).

This function can be called when the DMA Stream is enabled and when the transfer is ongoing.

为双缓冲区模式（用于动态使用）配置下一次缓冲区传输的内存地址。

启用DMA流并进行传输时，可以调用此函数。



Configures, when the PINC (Peripheral Increment address mode) bit is set, if the peripheral address should be incremented with the data size (configured with PSIZE bits) or by a fixed offset equal to 4 (32-bit aligned addresses).

配置当设置PINC（外围设备递增地址模式）位时，是否将外围设备地址增加数据大小（由PSIZE位配置）或增加等于4的固定偏移量（32位对齐地址）。



Writes the number of data units to be transferred on the DMAy Streamx.

写入要在DMAy Streamx上传输的数据单元的数量。



Fills each DMA\_InitStruct member with its default value.

用其默认值填充每个DMA\_InitStruct成员。