+ Direction DMA_Stream_TypeDef + PeriphInc CR + MemInc + PeriphDataAlignment + **NDTR** PAR + MemDataAlignment M0AR + Mode + Priority M1AR **FCR** + FIFOMode + FIFOThreshold + MemBurst + PeriphBurst +Init +Instance DMA_HandleTypeDef + Lock I2S InitTypeDef + State + Parent + XferCpltCallback + Standard + XferHalfCpltCallback + DataFormat + XferM1CpltCallback + MCLKOutput + XferM1HalfCpltCallback + AudioFreq + XferErrorCallback + ClockSource + XferAbortCallback + FullDuplexMode + ErrorCode + StreamBaseAddress + StreamIndex +hdmarx +Init +hdmatx I2S_HandleTypeDef + pTxBuffPtr **TxXferSize** + TxXferCount + pRxBuffPtr RxXferSize + RxXferCount

SPI_TypeDef

+ Mode

+ CPOL

+Instance

IrqHandlerISR

+ Lock State ErrorCode

+ CR1

+ CR2

+ SR

+ DR

+ CRCPR

+ RXCRCR

+ TXCRCR

+ I2SCFGR

+ I2SPR

DMA_InitTypeDef

+ Channel