## Masterboot\_init:

### status = get\_boot\_info(pBootInfo);

#### Get boot infor form API register

如果ROM\_api在指定的寄存器中配置了boot信息，则根据boot信息进行init。否则，走正常boot流程

根据ROM\_api配置进行init：

ROM api 配置信息存储寄存器如下：

#define ROM\_API\_CTX\_REG (SRC->GPR[3])

ROM API 配置信息结构体：

typedef union

{

struct

{

uint32\_t imageIndex : 4; //!< Index of boot image

uint32\_t reserved : 12; //!< Reserved for future use

uint32\_t serialBootInterface : 4; //!< Serial Boot interface

uint32\_t bootMode : 4; //!< Boot Mode

uint32\_t tag : 8;

} B;

uint32\_t U;

} run\_bootloader\_ctx\_t;

#### MSI boot

#define FUSE\_BOOT\_MSI\_PART\_SHIFT (5)

#define FUSE\_BOOT\_MSI\_PART\_MASK (1u << FUSE\_BOOT\_MSI\_PART\_SHIFT)

#define FUSE\_BOOT\_MSI\_PART\_VALUE ((HW\_OCOTP\_REG\_RD(0x13) & FUSE\_BOOT\_MSI\_PART\_MASK) >> FUSE\_BOOT\_MSI\_PART\_SHIFT)

if (FUSE\_BOOT\_MSI\_PART\_VALUE)

{

return get\_msi\_boot\_info(bootInfo);

}