

SRsrcInfo Return the driver reference number

#include <Slots.h>

Slot Manager

```
OSErr      SRsrcInfo(spBlkPtr);
SpBlockPtr spBlkPtr ;      address of 56-byte Slot Parameter Block
                             structure
returns      Error Code; 0=no error
```

SRsrcInfo is most often used to return the driver reference number.

spBlkPtr is the address of a 56-byte **Slot Parameter Block** structure.
The relevant fields are as follows:

Out-In	Name	Type	Size	Offset	Description
←	spsPointer	<u>Ptr</u>	4	4	Structure pointer
←	spIOReserved	<u>short</u>	2	36	Reserved field of Slot Resource Table
←	spRefNum	<u>short</u>	2	38	Slot Resource Table reference number
←	spCategory	<u>short</u>	2	40	sResource type: Category
←	spCType	<u>short</u>	2	42	sResource type: Type
←	spDrvrSW	<u>short</u>	2	44	sResource type: Driver software identifier
←	spDrvrHW	<u>short</u>	2	46	sResource type: Driver hardware identifier
→	spSlot	<u>char</u>	1	49	Slot number
→	spID	<u>char</u>	1	50	sResource list ID
→	spExtDev	<u>char</u>	1	41	External device identifier
←	spHwDev	<u>char</u>	1	52	Hardware device identifier

Returns: an operating system Error Code. It will be one of:

noErr	(0)	No error
smEmptySlot	(-300)	No card in slot.
smCRCFail	(-301)	CRC check failed.
smFormatErr	(-302)	FHeader format is not Apple's.
smRevisionErr	(-303)	The revision of the card's declaration ROM is wrong.
smNoDir	(-304)	Directory offset is NIL.
smNosInfoArray	(-306)	The SDM could not allocate memory for the slInfo array.
smResrvErr	(-307)	A reserved field of the declaration ROM was used.
smUnExBusErr	(-308)	An unexpected bus error occurred.
smBLFieldBad	(-309)	A valid <u>ByteLanes</u> field was not found.
smDisposePErr	(-312)	An error occurred during execution of DisposPointer.
smNoBoardsRsrc	(-313)	There is no board sResource.
smGetPRErr	(-314)	Error during execution of sGetPRAMRec.
smNoBoardId	(-315)	There is no board ID.
smInitStatVErr	(-316)	The InitStatus_V field was negative after Primary or Secondary Init.
smInitTblVErr	(-317)	Error while trying to initialize the sResource Table.
smNoJmpTbl	(-318)	Slot Manager jump table could not be created
smBadBoardId	(-319)	Board ID was wrong; reinit the PRAM record

Notes: **SRsrcInfo** returns an sResource list pointer (spsPointer), plus the sResource type (category, cType, software, and hardware), driver reference number (spRefNum), and Slot Resource Table ioReserved field (spIOReserved) for the sResource specified by the slot number spSlot, sResource list identification number spID, and external device identifier spExtDev.