



**Note: This API call is for DOS and Win16 personality only. Use [Family API](#) for portability.**

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# Int 21H, AH=33H, AL=06H

## Version

2.25, 3.2 and higher

## Brief

GET LEAD BYTE TABLE ADDRESS

## Family API

## Input

```
AX = 6300h
```

## Return

```
CF clear if successful
DS:SI -> lead byte table (see #01746)
CF set on error
AX = error code (01h) (see #01680 at AH=59h/BX=0000h)
```

```
note: NO CF flag used in some versions
AL = error code
 00h successful all other registers except CS:IP and SS:SP destroyed
 FFh not supported
```

## Macro

## Notes

Does not preserve any registers other than SS:SP.  
Probably identical to AH=63h/AL=00h for DOS 2.25. The US version of MS-DOS 3.30 treats this as an unused function, setting AL=00h and returning immediately, WITHOUT setting DS:SI; only the Far East versions of MS-DOS 3.2 and 3.3 supported this call. The US version of DOS 4.0+ accepts this function, but returns an empty list. IBM DOS 6.1 SYS.COM assumes that CF is set on error

Format of double-byte character set lead byte table entry:

| Offset | Size    | Description  | (Table 01746) |
|--------|---------|--|---------------|
| 00h    | 2 BYTES | low/high ends of a range of leading byte of double-byte chars  |               |
| 02h    | 2 BYTES | low/high ends of a range of leading byte of double-byte chars. |               |
| ...    |         |  |               |
| N      | 2 BYTES | 00h,00h end flag   |               |

## See also

AX=6301h - AH=07h - AH=08h - AH=0Bh

## Note

Text based on [Ralf Brown Interrupt List Release 61](#)

| DOS API              |  |
|----------------------|--|
| Process manager      | INT 20H, <b>INT 21H</b> : 00H, 25H, 26H, 31H, 34H, 35H, 4BH, 4CH, 4DH, 50H, 51H, 52H, 55H, 62H, INT 22H, INT 27H, INT 28H  |
| File manager         | INT 25H, INT 26H, <b>INT 21H</b> : 0DH, 0EH, 0FH, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 19H, 1AH, 1BH, 1CH, 21H, 22H, 23H, 24H, 27H, 28H, 29H, 2EH, 2FH, 32H, 3305H, 36H, 39H, 3AH, 3BH, 3CH, 3DH, 3EH, 3FH, 40H, 41H, 42H, 4300H, 4301H, 45H, 45H, 46H, 4EH, 4FH, 54H, 56H, 5700H, 5701H, 5AH, 5BH, 5c00H, 5c01H, 60H, 67H, 68H, 6900H, 6901H, 6AH, 6CH |
| Character Device I/O | INT 29H, <b>INT 21H</b> : 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 0AH, 0BH, 0AH, 0CH, 5D07H, 5D08H, 5D09H, 5D0AH  |
| Signals              | INT 23H, INT 24H, <b>INT 21H</b> : 3300H, 3301H, 3302H   |
| Memory manager       | <b>INT 21H</b> : 48H, 49H, 4AH, 5800H, 5801H, 5802H, 5803H   |
| Date and Time        | <b>INT 21H</b> : 2AH, 2BH, 2CH, 2DH  |
| Misc                 | <b>INT 21H</b> : 30H, 3306H, 3700H, 3701H, 3702H, 3703H, 59H   |
| NLS                  | <b>INT 21H</b> : 3303H, 3304H, 3800H, 3801H, 6300H, 6301H, 6301H, 6500H, 6501H, 6502H, 6503H, 6504H, 6505H, 6506H, 6507H, 6520H, 6521H, 6522H, 6523H, 65A0H, 65A1H, 65A2H, 6601H, 6602H  |

| <b>DOS API</b> |   |
|----------------|---|
| Devices        | <b>INT 21H:</b> 4400H, 4401H, 4402H, 4403H, 4404H, 4405H, 4406H, 4407H, 4408H, 4409H, 440AH, 440BH, 440CH, 440DH, 440EH, 440FH, 4410H, 4411H, 53H |
| Network        | <b>INT 21H:</b> 5E00H, 5E01H, 5E02H, 5E03H, 5E04H, 5E05H, 5F00H, 5F01H, 5F02H, 5F03H, 5F04H, 5F05H, 5F07H, 5F08H                                  |

| <b>osFree Macro Library</b> |  |
|-----------------------------|--|
| Video I/O                   | @SetMode @SetCurSz @SetCurPos @GetCur @SetPage @ScrollUp @ScrollDn @Scroll @GetChAtr @PutChAtr @PutCh @SetPalet @SetColor @SetDot @GetDot @WrtTTY @VideoState @GetMode @GetDisplay @GetVideoState @GetEGAInfo @CIs |
| Hardware info               | @Equipment @MemSize  |
| Serial I/O                  | @AuxInit @AuxSendChar @AuxRecieveChar @AuxStatus   |
| Tape I/O                    | @TapeOn @TapeOff @TapeRead @TapeWrite  |
| Keyboard I/O                | @KbdStatus @CharIn @CharPeek   |
| Printer I/O                 | @PrnPrint @PrnInit @PrnStatus  |
| Disk I/O                    | @DskReset @DskStatus @DskRead @DskWrite @DskVerify @DskFormat  |
| Date and Time               | @SetTime @GetTime  |
| Mouse                       | @MouInit @MouShowPointer @MouStatus @MouSetPos @MouSetMickey @MouRegion  |
| Memory manager              | @ModBlok SET_BLOCK   |

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| <b>Family API</b> |                 |  |
|-------------------|-----------------|--|
| DOS               | Process Manager | DosBeep DosExit DosSleep DosExecPgm  |
|                   | File Manager    | DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo DosShutdown |
|                   | Memory Manager  | DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias   |
|                   | NLS             | DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage  |
|                   | Date and Time   | DosSetDateTime DosGetDateTime  |
|                   | Devices         | DosDevConfig DosDevIOCtl DosDevIOCtl2  |
|                   | Signals         | DosHoldSignal DosSetSigHandler   |
| KBD               | Misc            | BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec  |
|                   |                 | KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek   |
|                   | VIO             | VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell VioWrtNChar VioWrtTTY VioScrLock VioPopUp  |
|                   | Tools           | BIND   |
|                   | Modules         | DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL   |
|                   | Libraries       | API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB  |

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