 This is part of **Family API** which allow to create dual-os version of program runs under OS/2 and DOS

Note: This is legacy API call. It is recommended to use 32-bit equivalent

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DosBeep

This call generates sound from the speaker.

Syntax

```
DosBeep (Frequency, Duration)
```

Parameters

- Frequency (USHORT) - input : Tone in Hertz (cycles per second) in the range 37 through 32767.
- Duration (USHORT) - input : Length of the sound in milliseconds.

Return Code

rc (USHORT) - return Return code descriptions are:

- 0 NO_ERROR
- 395 ERROR_INVALID_FREQUENCY

Notes

DosBeep executes synchronously. An application program that invokes DosBeep waits until the specified number of milliseconds expire before it resumes execution.

Example Code

C Binding

```
#define INCL_DOSPROCESS
```

```
USHORT  rc = DosBeep(Frequency, Duration);

USHORT  Frequency;      /* Hertz (Hz) */
USHORT  Duration;       /* Length of sound */

USHORT  rc;             /* return code */
```

MASM Binding

```
EXTRN  DosBeep:FAR
INCL_DOSPROCESS     EQU 1

PUSH   WORD    Frequency     ;Frequency (in Hertz)
PUSH   WORD    Duration      ;Length of sound (in milliseconds)
CALL   DosBeep
```

Returns WORD

Example

This example generates a beep for 1 second (1,000 milliseconds) at a frequency of 1,380.

```
#define INCL_DOSPROCESS
#define BEEP_FREQUENCY 1380
#define BEEP_DURATION 1000

USHORT  rc;

rc = DosBeep(BEEP_FREQUENCY,
             BEEP_DURATION);
```

Note

Text based on http://www.edm2.com/index.php/OS2_API:CPI:LEGACY:DosBeep

Family API		
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
	Misc	BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec
KBD		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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