

```

ReadTrack:
mov  bx, ds:TrackBufSeg
mov  ax, ds:TrackBufOfs
mov  bl, ah

```

```

loc_19249:
shr  bh, 1
shr  bh, 1
shr  bh, 1
shr  bh, 1
mov  ds:DMATrkBufSeg, bx
mov  ds:DMATrkBufOfs, ax
call SetDmaCount
shl  ax, 1
mov  ds:DMACount, ax
call TrackRead0n
cli
call ClearTimer0
call SetReadspeed
mov  dh, ds:CurrentSide
call SelectHead
mov  al, ds:TC_Port3Byte
or   al, 2
mov  dx, ds:TC_Port_Base
add  dx, 3
out  dx, al ; turn on RDENBL (bit 2)
mov  ds:TC_Port3Byte, al
mov  bx, ds:DMATrkBufSeg
mov  ax, ds:DMATrkBufOfs
mov  al, 46h ; 'F' ; DMA mode: Write to memory, count up, single.
call SetupDMA
mov  dx, ds:TC_Port_Base

```

```

loc_19291:
in   al, dx
and  al, 80h
jnz  short loc_19291 ; wait for index to go high

```

```

19296:
jmp  short loc_19299

```

```

loc_19299:
in   al, dx
and  al, 80h
jz   short loc_19299 ; wait for index to go low

```

```

1929E:
mov  al, ds:TC_Port3Byte
or   al, 3
add  dx, 3
out  dx, al ; turn on GO and RDENBL
sub  dx, 3
mov  ds:TC_Port3Byte, al
call UnmaskDMA

```

```

loc_192B0:
in   al, dx
and  al, 80h
jnz  short loc_192B0

```

```

192B5:
call ReadDMAWrDcnt
mov  ds:DMAReadCount, bx

```

```

loc_192BC:
in   al, dx
and  al, 80h
jz   short loc_192BC

```

```

loc_19309:
call MaskDMA
mov  al, ds:TC_Port3Byte
and  al, 0F8h ; ' ' ; GO and RDENBL off.
call WriteTC_Port3
sti
mov  dh, 80h ; ' '
call SelectHead
call TrackRead0ff
retn

```

```

192C1:
call ReadDMAWrDcnt
mov  ax, ds:DMAReadCount
sub  ax, bx
cmp  ax, 100h
jnb  short loc_192F5

```

```

loc_192F5:
mov  ax, ds:DMACount
sub  ax, bx
mov  ds:ReadLengthBytes, ax
shl  ax, 1
shl  ax, 1
shl  ax, 1
mov  ds:TrackLengthBits, ax
call WaitForDMA

```

```

192CE:
mov  ds:ReadLengthBytes, 3100h
mov  ds:TrackLengthBits, 8800h
push di
push es
mov  es, ds:TrackBufSeg
mov  di, ds:TrackBufOfs
mov  cx, 3500h
mov  ax, 0
cld
rep stosw
pop  es
pop  di
call sub_173FD
jmp  short loc_19309

```