

ACCESS NAMES TABLE

SOURCE ACCESS NAME= PPC2.P359.SRC.VGWITE
OBJECT ACCESS NAME= PPC2.P359.OBJ.VGWITES
LISTING ACCESS NAME= PPC2.P359.LST.VGWITES
ERROR ACCESS NAME=
OPTIONS= XREF
MACRO LIBRARY PATHNAME=

LINE	KEY	NAME
0002	A	VERSION =>PPC2.P359.SRC.P359

```
0031 IDT 'VGWT'
0032 *****
0033 *
0034 * V V GGGG W W RRRRR IIIII TTTT EEEEE *
0035 * V V G G W W R R I T E *
0036 * V V G G W W R R I T E *
0037 * V V G GG W W RRRRR I T EEE *
0038 * V V G G W W W R R I T E *
0039 * V V G G W W W W R R I T E *
0040 * V GGGG W W R R IIIII T EEEEE *
0041 *
0042 * PPPP 3333 55555 9999 *
0043 * P P 3 3 5 9 9 *
0044 * P P 3 3 5 9 9 *
0045 * PPPP 3333 55555 99999 *
0046 * P 3 3 5 9 *
0047 * P 3 3 5 5 9 9 *
0048 * P 3333 5555 9999 *
0049 *
0050 *****
```

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0055      * Move data from VDP to ERAM
0056      * @ADDR1: Source address where the data stored on VDP
0057      * @ADDR2: Destination address on ERAM
0058      * @BCNT1: byte count
0059      *
0060      DEF  VGWITE
0061      *
0062      REF  VRAM, GRAM, ADDR1, ADDR11, ADDR2, ADDR21, BCNT1
0063      REF  VDPRD
0064      *
0065 0000  VGWITE
0066      *-----CONDITIONAL ASSEMBLY-----*
0067      ASMIF VERS=DX10
0068      MOV  @ADDR1, R14
0069      AI   R14, VRAM
0070      MOV  @ADDR2, R2
0071      AI   R2, GRAM
0072  VG#1  MOVB *R14+, *R2+
0073
0074      ASMELS
0075 0000
0076 0000 D7E0      MOVB @ADDR11, *R15      LSB of VDP addr
      0002 0000
0077 0004 C0A0      MOV  @ADDR2, R2          Address in ERAM
      0006 0000
0078 0008 D7E0      MOVB @ADDR1, *R15      MSB of VDP addr
      000A 0000
0079 000C 1000      NOP
0080 000E DCA0  VG#1  MOVB @VDPRD, *R2+      Move a byte
      0010 0000
0081
0082      ASMEND
0083 0012 0620      *-----END OF CONDITIONAL ASSEMBLY-----*
      0014 0000      DEC  @BCNT1          One less to move
0084 0016 16FB      JNE  VG#1            If not done - loop for more
0085 0018 045B      RT              Return
0086      END
NO ERRORS,      NO WARNINGS
  
```

LABEL VALUE DEFN REFERENCES

LABEL		VALUE	DEFN	REFERENCES
ADDR1	R	000A'	0062	0078
ADDR11	R	0002'	0062	0076
ADDR2	R	0006'	0062	0077
ADDR21	R		0062	
BCNT1	R	0014'	0062	0083
DX10		0001	0003	0004 0067
GRAM	R		0062	
P359		0000	0003	0003
R15		000F		0076 0078
R2		0002		0077 0080
VDPRD	R	0010'	0063	0080
VERMAC	M		A0001	0003
VERS		0000	0003	0004 0067
VG\$1		000E'	0080	0084
VGWITE	D	0000'	0065	0060
VRAM	R		0062	