

ACCESS NAMES TABLE

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

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

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```
          IDT 'GVWT'  
*****  
*          *          *          *          *          *          *          *          *          *  
*  GGGG    V      V  W      W  RRRRR  IIIII  TTTT  EEEEE  *  
*  G  G    V      V  W      W  R  R    I      T    E      *  
*  G  G    V      V  W      W  R  R    I      T    E      *  
*  G  GG   V      V  W      W  RRRRR  I      T    EEE   *  
*  G  G    V      V  W  W  W  R  R    I      T    E      *  
*  G  G    V  V    W  W  W  R  R    I      T    E      *  
*  GGGG    V      W      W  R      R  IIIII  T    EEEEE  *  
*          *          *          *          *          *          *          *          *  
*          P P P P      3 3 3 3      5 5 5 5 5 5      9 9 9 9      *  
*          P  P      3      3      5      9      9      *  
*          P  P      3      3      5      9      9      *  
*          P P P P      3 3 3 3      5 5 5 5      9 9 9 9      *  
*          P          3      3      5      5      9      9      *  
*          P          3      3      5      5      9      9      *  
*          P          3 3 3 3      5 5 5 5      9 9 9 9      *  
*          *          *          *          *          *          *          *          *  
*****
```

```

0055      * Move data from ERAM to VDP
0056      * @GSRC : Source address where the data stored on ERAM
0057      * @DEST : Destination address on VDP
0058      * @BCNT3: byte count
0059      *
0060      DEF  GVWITE
0061      *
0062      REF  VRAM, GRAM, GSRC, GSRC1, DEST, BCNT3
0063      REF  R2LB, WRVDP, VDPWD
0064      *
0065 0000  GVWITE
0066      *-----CONDITIONAL ASSEMBLY-----*
0067      ASMIF VERS=DX10
0068      MOV  @GSRC, R2
0069      AI   R2, GRAM
0070      MOV  @DEST, R14
0071      AI   R14, VRAM
0072  GV#1  MOVB *R2+, *R14+
0073
0074      ASMELS
0075 0000
0076 0000 COA0      MOV  @DEST, R2          VDP addr
0077      0002 0000
0077 0004 D7E0      MOVB @R2LB, *R15      LSB of VDP addr
0078      0006 0000
0078 0008 0262      ORI   R2, WRVDP          Enable VDP write
0079      000A 0000
0079 000C D7C2      MOVB R2, *R15          MSB of VDP addr
0080 000E C0E0      MOV  @GSRC, R3          ERAM addr
0081      0010 0000
0081 0012 DB33  GV#1  MOVB *R3+, @VDPWD      Move a byte
0082      0014 0000
0082      ASMEND
0083      *-----END OF CONDITIONAL ASSEMBLY-----*
0084 0016 0620      DEC  @BCNT3          One less to move
0085      0018 0000
0085 001A 16FB      JNE  GV#1          Loop if more
0086 001C 045B      RT          Return
0087      END
NO ERRORS,      NO WARNINGS

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GVWT LABEL VALUE DEFN REFERENCES

GVWT LABEL	VALUE	DEFN	REFERENCES
BCNT3	R 0018'	0062	0084
DEST	R 0002'	0062	0076
DX10	0001	0003	0004 0067
GRAM	R	0062	
GSRC	R 0010'	0062	0080
GSRC1	R	0062	
GV#1	0012'	0081	0085
GVWITE	D 0000'	0065	0060
P359	0000	0003	0003
R15	000F		0077 0079
R2	0002		0076 0078 0079
R2LB	R 0006'	0063	0077
R3	0003		0080 0081
VDPWD	R 0014'	0063	0081
VERMAC	M	A0001	0003
VERS	0000	0003	0004 0067
VRAM	R	0062	
WRVDP	R 000A'	0063	0078