

ACCESS NAMES TABLE

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

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

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IDT 'MVUP'

```
*****  
*  
*      MM      MM      V      V      U      U      P P P P P P P  
*      M M    M M      V      V      U      U      P      P  
*      M  M    M      V      V      U      U      P      P  
*      M      M      V      V      U      U      P P P P P P  
*      M      M      V      V      U      U      P  
*      M      M      V V      U      U      P  
*      M      M      V      U      U      P  
*  
*      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 3 3      5 5 5 5      9 9 9 9  
*  
*****
```

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0055      * WITH ERAM : Move the contents in ERAM from a higher
0056      *                address to a lower address
0057      *                ARG : byte count
0058      *                VAR9 : source address
0059      *                VAR0 : destination address
0060 0000
0061                DEF  MVUP
0062 0000
0063                REF  VRAM, GRAM, ARG, VAR9, VAR0
0064 0000
0065 0000      MVUP
0066 0000 C060      MOV  @ARG, R1
0067      0002 0000
0067 0004 C0E0      MOV  @VAR9, R3
0068      0006 0000
0068 0008 C160      MOV  @VAR0, R5
0069      000A 0000
0069      *-----CONDITIONAL ASSEMBLY-----*
0070                ASMIF VERS=DX10
0071                AI   R3, GRAM
0072                AI   R5, GRAM
0073                ASMEND
0074      *-----END OF CONDITIONAL ASSEMBLY-----*
0075 000C DD73      MVUPO5 MOVB *R3+, *R5+      Move a byte
0076 000E 0601      DEC  R1                Decrement the counter
0077 0010 16FD      JNE  MVUPO5          Loop if more to move
0078 0012 045B      RT                    Return when done
0079                END
NO ERRORS,      NO WARNINGS
```

LABEL VALUE DEFN REFERENCES

LABEL		VALUE	DEFN	REFERENCES
ARG	R	0002'	0063	0066
DX10		0001	0003	0004 0070
GRAM	R		0063	
MVUP	D	0000'	0065	0061
MVUP05		0000'	0075	0077
P359		0000	0003	0003
R1		0001		0066 0076
R3		0003		0067 0075
R5		0005		0068 0075
VAR0	R	000A'	0063	0068
VAR9	R	0006'	0063	0067
VERMAC	M		A0001	0003
VERS		0000	0003	0004 0070
VRAM	R		0063	