

Mode: All

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00111112 0187	BCLR	<>	111112 BCLR D0, D7
» D0,D7			
00111114 0F97	BCLR		111114 BCLR D7, (A7)
» D7,(A7)			
00111116 0198	BCLR		111116 BCLR D0, (A0)+
» D0,(A0)+			
00111118 0FA7	BCLR		111118 BCLR D7, -(A7)
» D7, -(A7)			
0011111A 01B9 0000FFFF	BCLR		11111A BCLR D0, \$FFFF
» D0,\$FFFF			
00111120 0FB9 00055555	BCLR		111120 BCLR D7, \$55555
» D7,\$55555			
00111126			
00111126 0040 1111	ORI.W		111126 ORI.W #\$1111, D0
» #\$1111,D0			
0011112A 0058 AAAA	ORI.W		11112A ORI.W #\$AAAA, (A0)+
» \$AAAA, (A0)+			
0011112E 0060 0000	ORI.W		11112E ORI.W #\$0000, -(A0)
» \$0000, -(A0)			
00111132 0080 00FFFFFF	ORI.L		111132 ORI.L \$FFFFFF, D0
» \$FFFFFF,D0			
00111138 0098 00055555	ORI.L		111138 ORI.L \$55555, (A0)+
» \$55555, (A0)+			
0011113E 00A0 00AAAAA	ORI.L		11113E ORI.L \$AAAAA, -(A0)
» \$AAAAA, -(A0)			
00111144			
00111144 0C40 1111	CMPI.W		111144 CMPI.W #\$1111, D0
» #\$1111,D0			
00111148 0C58 AAAA	CMPI.W		111148 CMPI.W \$AAAA, (A0)+
» \$AAAA, (A0)+			
0011114C 0C60 0000	CMPI.W		11114C CMPI.W \$0000, -(A0)
» \$0000, -(A0)			
00111150 0C80 00FFFFFF	CMPI.L		111150 CMPI.L \$FFFFFF, D0
» \$FFFFFF,D0			
00111156 0C98 00055555	CMPI.L		111156 CMPI.L \$55555, (A0)+
» \$55555, (A0)+			
0011115C 0CA0 00AAAAA	CMPI.L		11115C CMPI.L \$AAAAA, -(A0)
» \$AAAAA, -(A0)			
00111162			
00111162 103C 000F	MOVE.B		111162 MOVE.B \$F, D0
» \$0F,D0			
00111166 1E87	MOVE.B		111166 MOVE.B D7, (A7)
» D7,(A7)			
00111168 10C7	MOVE.B		111168 MOVE.B D7, (A0)+
» D7,(A0)+			
0011116A 1F00	MOVE.B		11116A MOVE.B D0, -(A7)
» D0, -(A7)			
0011116C 1038 1000	MOVE.B		11116C MOVE.B \$1000, D0
» \$1000,D0			
00111170 1039 00010000	MOVE.B		111170 MOVE.B \$10000, D0
» \$10000,D0			
00111176			

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(continued)

00111176 303C 00AA	MOVE.W	111176 MOVE.W #\$AA, D0
» #\$AA,D0		
0011117A 3047	MOVE.W	11117A MOVEA.W D7, A0
» D7,A0		
0011117C 3E87	MOVE.W	11117C MOVE.W D7, (A7)
» D7,(A7)		
0011117E 30C0	MOVE.W	11117E MOVE.W D0, (A0)+
» D0,(A0)+		
00111180 3F07	MOVE.W	111180 MOVE.W D7, -(A7)
» D7,-(A7)		
00111182 3038 5555	MOVE.W	111182 MOVE.W \$5555, D0
» \$5555,D0		
00111186 3039 000AAAAA	MOVE.W	111186 MOVE.W \$AAAAA, D0
» \$AAAAA,D0		
0011118C		
0011118C 203C 000000AA	MOVE.L	11118C MOVE.L #\$AA, D0
» #\$AA,D0		
00111192 2040	MOVE.L	111192 MOVEA.L D0, A0
» D0,A0		
00111194 2080	MOVE.L	111194 MOVE.L D0, (A0)
» D0,(A0)		
00111196 20C0	MOVE.L	111196 MOVE.L D0, (A0)+
» D0,(A0)+		
00111198 2100	MOVE.L	111198 MOVE.L D0, -(A0)
» D0,-(A0)		
0011119A 2038 1000	MOVE.L	11119A MOVE.L \$1000, D0
» \$1000,D0		
0011119E 2039 00010000	MOVE.L	11119E MOVE.L \$10000, D0
» \$10000,D0		
001111A4		
001111A4		
001111A4		
001111A4 3047	MOVEA.W	1111A4 MOVEA.W D7, A0
» D7,A0		
001111A6 3E50	MOVEA.W	1111A6 MOVEA.W (A0), A7
» (A0),A7		
001111A8 3E58	MOVEA.W	1111A8 MOVEA.W (A0)+, A7
» (A0)+,A7		
001111AA 3067	MOVEA.W	1111AA MOVEA.W -(A7), A0
» -(A7),A0		
001111AC 3079 0000AAAA	MOVEA.W	1111AC MOVEA.W \$AAAA, A0
» \$AAAA,A0		
001111B2 3079 00055555	MOVEA.W	1111B2 MOVEA.W \$55555, A0
» \$55555,A0		
001111B8		
001111B8		
001111B8 2040	MOVEA.L	1111B8 MOVEA.L D0, A0
» D0,A0		
001111BA 2047	MOVEA.L	1111BA MOVEA.L D7, A0
» D7,A0		
001111BC 2057	MOVEA.L	1111BC MOVEA.L (A7), A0
» (A7),A0		

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001111BE 2E58 MOVEA.L
» (A0)+, A7
001111C0 2067 MOVEA.L
» -(A7), A0
001111C2 2E79 0000FFAA MOVEA.L
» $FFAA, A7
001111C8 2079 000FFAA5 MOVEA.L
» $FFAA5, A0
001111CE
001111CE
001111CE 4E71 NOP
001111D0
001111D0 4E75 RTS
001111D2
001111D2 4AFC ILLEGAL
001111D4
001111D4 41D7 LEA
» (A7), A0
001111D6 41F9 0000FFAA LEA
» $FFAA, A0
001111DC 4FF9 000AA551 LEA
» $AA551, A7
001111E2
001111E2 4440 NEG
» D0
001111E4 4456 NEG
» (A6)
001111E6 4458 NEG
» (A0)+
001111E8 4461 NEG
» -(A1)
001111EA 4479 0000AAFF NEG
» $AAFF
001111F0 4479 00055FAA NEG
» $55FAA
001111F6
001111F6 4E96 JSR
» (A6)
001111F8 4EB9 0000AAFF JSR
» $AAFF
001111FE 4EB9 00055FAA JSR
» $55FAA
00111204
00111204
00111204 48E7 FFFE MOVEM.L
» D0-D7/A0-A6, -(A7)
00111208 48E7 8000 MOVEM.L
» D0, -(A7)
0011120C 48E7 4000 MOVEM.L
» D1, -(A7)
00111210 48E7 2000 MOVEM.L
» D2, -(A7)

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1111BE MOVEA.L (A0)+, A7
1111C0 MOVEA.L -(A7), A0
1111C2 MOVEA.L $FFAA, A7
1111C8 MOVEA.L $FFAA5, A0
1111CE NOP
1111D0 RTS
1111D2 ILLEGAL
1111D4 LEA (A7), A0
1111D6 LEA $FFAA, A0
1111DC LEA $AA551, A7
1111E2 NEG.W D0
1111E4 NEG.W (A6)
1111E6 NEG.W (A0)+
1111E8 NEG.W -(A1)
1111EA NEG.W $AAFF
1111F0 NEG.W $55FAA
1111F6 JSR (A6)
1111F8 JSR $AAFF
1111FE JSR $55FAA
111204 MOVEM.L D0-D7/A0-A6, -(A7)
111208 MOVEM.L D0, -(A7)
11120C MOVEM.L D1, -(A7)
111210 MOVEM.L D2, -(A7)

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00111214 48E7 1000	MOVEM.L	111214 MOVEM.L D3, -(A7)
» D3, -(A7)		
00111218 48E7 0800	MOVEM.L	111218 MOVEM.L D4, -(A7)
» D4, -(A7)		
0011121C 48E7 0400	MOVEM.L	11121C MOVEM.L D5, -(A7)
» D5, -(A7)		
00111220 48E7 0200	MOVEM.L	111220 MOVEM.L D6, -(A7)
» D6, -(A7)		
00111224 48E7 0100	MOVEM.L	111224 MOVEM.L D7, -(A7)
» D7, -(A7)		
00111228 48E7 0080	MOVEM.L	111228 MOVEM.L A0, -(A7)
» A0, -(A7)		
0011122C 48E7 0040	MOVEM.L	11122C MOVEM.L A1, -(A7)
» A1, -(A7)		
00111230 48E7 0020	MOVEM.L	111230 MOVEM.L A2, -(A7)
» A2, -(A7)		
00111234 48E7 0010	MOVEM.L	111234 MOVEM.L A3, -(A7)
» A3, -(A7)		
00111238 48E7 0008	MOVEM.L	111238 MOVEM.L A4, -(A7)
» A4, -(A7)		
0011123C 48E7 0004	MOVEM.L	11123C MOVEM.L A5, -(A7)
» A5, -(A7)		
00111240 48E7 0002	MOVEM.L	111240 MOVEM.L A6, -(A7)
» A6, -(A7)		
00111244 48E7 0001	MOVEM.L	111244 MOVEM.L A7, -(A7)
» A7, -(A7)		
00111248 48E7 FFFE	MOVEM.L	111248 MOVEM.L D0-D7/A0-A6, -(A7)
» D0-D7/A0-A6, -(A7)		
0011124C 48E7 FD1E	MOVEM.L	11124C MOVEM.L D0-D5/D7/A3-A6, -(A7)
» D0-D5/D7/A3-A6, -(A7)		
00111250 48E7 AAAA	MOVEM.L	111250 MOVEM.L D0/D2/D4/D6/A0/A2/A4/A6, -(A7)
» D0/D2/D4/D6/A0/A2/A4/A6, -(A7)		
00111254 48E7 EBF5	MOVEM.L	111254 MOVEM.L D0-D2/D4/D6-D7/A0-A3/A5/A7, -(A7)
» D0-D2/D4/D6-D7/A0-A3/A5/A7, -(A7)		» A7)
00111258 4CDF 0001	MOVEM.L	111258 MOVEM.L (A7)+, D0
» (A7)+, D0		
0011125C 4CDF 0002	MOVEM.L	11125C MOVEM.L (A7)+, D1
» (A7)+, D1		
00111260 4CDF 0004	MOVEM.L	111260 MOVEM.L (A7)+, D2
» (A7)+, D2		
00111264 4CDF 0008	MOVEM.L	111264 MOVEM.L (A7)+, D3
» (A7)+, D3		
00111268 4CDF 0010	MOVEM.L	111268 MOVEM.L (A7)+, D4
» (A7)+, D4		
0011126C 4CDF 0020	MOVEM.L	11126C MOVEM.L (A7)+, D5
» (A7)+, D5		
00111270 4CDF 0040	MOVEM.L	111270 MOVEM.L (A7)+, D6
» (A7)+, D6		
00111274 4CDF 0080	MOVEM.L	111274 MOVEM.L (A7)+, D7
» (A7)+, D7		
00111278 4CDF 0100	MOVEM.L	111278 MOVEM.L (A7)+, A0
» (A7)+, A0		

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0011127C 4CDF 0200          MOVEM.L
»      (A7)+,A1
00111280 4CDF 0400          MOVEM.L
»      (A7)+,A2
00111284 4CDF 0800          MOVEM.L
»      (A7)+,A3
00111288 4CDF 1000          MOVEM.L
»      (A7)+,A4
0011128C 4CDF 2000          MOVEM.L
»      (A7)+,A5
00111290 4CDF 4000          MOVEM.L
»      (A7)+,A6
00111294 4CDF 8000          MOVEM.L
»      (A7)+,A7
00111298 4CDF 7FFF          MOVEM.L
»      (A7)+,D0-D7/A0-A6
0011129C 4CDF 78BF          MOVEM.L
»      (A7)+,D0-D5/D7/A3-A6
001112A0 4CDF 5555          MOVEM.L
»      (A7)+,D0/D2/D4/D6/A0/A2/A4/A6
001112A4 4CDF AFD7          MOVEM.L
»      (A7)+,D0-D2/D4/D6-D7/A0-A3/A5/A7
001112A8
001112A8
001112A8
001112A8 5300          SUBQ.B
»      #1,D0
001112AA
001112AA 5717          SUBQ.B
»      #3,(A7)
001112AC 5918          SUBQ.B
»      #4,(A0)+
001112AE 5B20          SUBQ.B
»      #5,-(A0)
001112B0 5D39 0000AAFF        SUBQ.B
»      #6,$AAFF
001112B6 5F39 000AF5F5        SUBQ.B
»      #7,$AF5F5
001112BC
001112BC 5340          SUBQ.W
»      #1,D0
001112BE 5757          SUBQ.W
»      #3,(A7)
001112C0 5958          SUBQ.W
»      #4,(A0)+
001112C2 5B60          SUBQ.W
»      #5,-(A0)
001112C4 5D79 0000AAFF        SUBQ.W
»      #6,$AAFF
001112CA 5F79 000AF5F5        SUBQ.W
»      #7,$AF5F5
001112D0

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11127C  MOVEM.L (A7)+, A1
111280  MOVEM.L (A7)+, A2
111284  MOVEM.L (A7)+, A3
111288  MOVEM.L (A7)+, A4
11128C  MOVEM.L (A7)+, A5
111290  MOVEM.L (A7)+, A6
111294  MOVEM.L (A7)+, A7
111298  MOVEM.L (A7)+, D0-D7/A0-A6
11129C  MOVEM.L (A7)+, D0-D5/D7/A3-A6
1112A0  MOVEM.L (A7)+, D0/D2/D4/D6/A0/A2/A4/A6
1112A4  MOVEM.L (A7)+, D0-D2/D4/D6-D7/A0-A3/A5
» /A7
1112A8  SUBQ.B #1, D0
1112AA  SUBQ.B #3, (A7)
1112AC  SUBQ.B #4, (A0)+
1112AE  SUBQ.B #5, -(A0)
1112B0  SUBQ.B #6, $AAFF
1112B6  SUBQ.B #7, $AF5F5
1112BC  SUBQ.W #1, D0
1112BE  SUBQ.W #3, (A7)
1112C0  SUBQ.W #4, (A0)+
1112C2  SUBQ.W #5, -(A0)
1112C4  SUBQ.W #6, $AAFF
1112CA  SUBQ.W #7, $AF5F5

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001112D0				
001112D0	5380	SUBQ.L	1112D0	SUBQ.L #1, D0
»	#1, D0			
001112D2	5797	SUBQ.L	1112D2	SUBQ.L #3, (A7)
»	#3, (A7)			
001112D4	5998	SUBQ.L	1112D4	SUBQ.L #4, (A0)+
»	#4, (A0)+			
001112D6	5BA0	SUBQ.L	1112D6	SUBQ.L #5, -(A0)
»	#5, -(A0)			
001112D8	5DB9 0000AAFF	SUBQ.L	1112D8	SUBQ.L #6, \$AAFF
»	#6, \$AAFF			
001112DE	5FB9 000AF5	SUBQ.L	1112DE	SUBQ.L #7, \$AF5
»	#7, \$AF5			
001112E4				
001112E4	83C0	DIVS	1112E4	DIVS D0, D1
»	D0, D1			
001112E6	83D9	DIVS	1112E6	DIVS (A1)+, D1
»	(A1)+, D1			
001112E8	85E2	DIVS	1112E8	DIVS -(A2), D2
»	-(A2), D2			
001112EA	83FC 0001	DIVS	1112EA	DIVS #1, D1
»	#01, D1			
001112EE	83F9 0000AAFF	DIVS	1112EE	DIVS \$AAFF, D1
»	\$AAFF, D1			
001112F4	85F9 000FFAA5	DIVS	1112F4	DIVS \$FFAA5, D2
»	\$FFAA5, D2			
001112FA				
001112FA	8240	OR	1112FA	OR.W D0, D1
»	D0, D1			
001112FC				
001112FC	8050	OR	1112FC	OR.W (A0), D0
»	(A0), D0			
001112FE	8E58	OR	1112FE	OR.W (A0)+, D7
»	(A0)+, D7			
00111300	8067	OR	111300	OR.W -(A7), D0
»	-(A7), D0			
00111302	827C 0002	OR	111302	OR.W #2, D1
»	#02, D1			
00111306				
00111306				
00111306	9240	SUB	111306	SUB.W D0, D1
»	D0, D1			
00111308	9048	SUB	111308	SUB.W A0, D0
»	A0, D0			
0011130A	9050	SUB	11130A	SUB.W (A0), D0
»	(A0), D0			
0011130C	9058	SUB	11130C	SUB.W (A0)+, D0
»	(A0)+, D0			
0011130E	9267	SUB	11130E	SUB.W -(A7), D1
»	-(A7), D1			
00111310	5541	SUB	111310	SUBQ.W #2, D1
»	#02, D1			

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00111312 9079 0000AAFF SUB
» $AAFF, D0
00111318 9279 000AFAF5 SUB
» $AFAF5, D1
0011131E
0011131E B240 CMP
» D0, D1
00111320 B048 CMP
» A0, D0
00111322 B050 CMP
» (A0), D0
00111324 B058 CMP
» (A0)+, D0
00111326 B267 CMP
» -(A7), D1
00111328 B27C 0002 CMP
» #02, D1
0011132C B079 0000AAFF CMP
» $AAFF, D0
00111332 B279 000AFAF5 CMP
» $AFAF5, D1
00111338
00111338 B141 EOR
» D0, D1
0011133A B150 EOR
» D0, (A0)
0011133C B158 EOR
» D0, (A0)+
0011133E B167 EOR
» D0, -(A7)
00111340 0A40 AAFF EOR.W
» #$AAFF, D0
00111344
00111344 C3C0 MULS
» D0, D1
00111346 C1D0 MULS
» (A0), D0
00111348 C1D8 MULS
» (A0)+, D0
0011134A C3E7 MULS
» -(A7), D1
0011134C C3FC 0002 MULS
» #02, D1
00111350 C1F9 0000AAFF MULS
» $AAFF, D0
00111356 C3F9 000AFAF5 MULS
» $AFAF5, D1
0011135C
0011135C D240 ADD
» D0, D1
0011135E D0C0 ADD
» D0, A0

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```

111312 SUB.W $AAFF, D0
111318 SUB.W $AFAF5, D1
11131E CMP.W D0, D1
111320 CMP.W A0, D0
111322 CMP.W (A0), D0
111324 CMP.W (A0)+, D0
111326 CMP.W -(A7), D1
111328 CMP.W #$2, D1
11132C CMP.W $AAFF, D0
111332 CMP.W $AFAF5, D1
111338 EOR.W D0, D1
11133A EOR.W D0, (A0)
11133C EOR.W D0, (A0)+
11133E EOR.W D0, -(A7)
111340 EORI.W #$AAFF, D0
111344 MULS D0, D1
111346 MULS (A0), D0
111348 MULS (A0)+, D0
11134A MULS -(A7), D1
11134C MULS #$2, D1
111350 MULS $AAFF, D0
111356 MULS $AFAF5, D1
11135C ADD.W D0, D1
11135E ADDA.W D0, A0

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00111360 D050	ADD	111360 ADD.W (A0), D0
» (A0),D0		
00111362 D058	ADD	111362 ADD.W (A0)+, D0
» (A0)+,D0		
00111364 D267	ADD	111364 ADD.W -(A7), D1
» -(A7),D1		
00111366 5441	ADD	111366 ADDQ.W #2, D1
» #02,D1		
00111368 D079 0000AAFF	ADD	111368 ADD.W \$AAFF, D0
» \$AAFF,D0		
0011136E D279 000AFAF5	ADD	11136E ADD.W \$AFAF5, D1
» \$AFAF5,D1		
00111374		
00111374 D0C0	ADDA	111374 ADDA.W D0, A0
» D0,A0		
00111376 D0C0	ADDA	111376 ADDA.W D0, A0
» D0,A0		
00111378 D0D0	ADDA	111378 ADDA.W (A0), A0
» (A0),A0		
0011137A D0D8	ADDA	11137A ADDA.W (A0)+, A0
» (A0)+,A0		
0011137C D2E7	ADDA	11137C ADDA.W -(A7), A1
» -(A7),A1		
0011137E 5449	ADDA	11137E ADDQ.W #2, A1
» #02,A1		
00111380 D0F9 0000AAFF	ADDA	111380 ADDA.W \$AAFF, A0
» \$AAFF,A0		
00111386 DEF9 000AFAF5	ADDA	111386 ADDA.W \$AFAF5, A7
» \$AFAF5,A7		
0011138C		
0011138C E0D0	ASR	11138C ASR (A0)
» (A0)		
0011138E E0DF	ASR	11138E ASR (A7)+
» (A7)+		
00111390 E0E0	ASR	111390 ASR -(A0)
» -(A0)		
00111392 E0F9 0000AFAF	ASR	111392 ASR \$AFAF
» \$AFAF		
00111398 E0F9 0FFAA550	ASR	111398 ASR \$FFAA550
» \$FFAA550		
0011139E		
0011139E E1D0	ASL	11139E ASL (A0)
» (A0)		
001113A0 E1DF	ASL	1113A0 ASL (A7)+
» (A7)+		
001113A2 E1E0	ASL	1113A2 ASL -(A0)
» -(A0)		
001113A4 E1F9 0000AFAF	ASL	1113A4 ASL \$AFAF
» \$AFAF		
001113AA E1F9 0FFAA550	ASL	1113AA ASL \$FFAA550
» \$FFAA550		
001113B0		

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(continued)

```

001113B0 E2D0 LSR
» (A0)
001113B2 E2DF LSR
» (A7)+
001113B4 E2E0 LSR
» -(A0)
001113B6 E2F9 0000AF AF LSR
» $AF AF
001113BC E2F9 0FFFAA550 LSR
» $FFFAA550
001113C2
001113C2 E3D0 LSL
» (A0)
001113C4 E3DF LSL
» (A7)+
001113C6 E3E0 LSL
» -(A0)
001113C8 E3F9 0000AF AF LSL
» $AF AF
001113CE E3F9 0FFFAA550 LSL
» $FFFAA550
001113D4
001113D4 E7D0 ROL
» (A0)
001113D6 E7DF ROL
» (A7)+
001113D8 E7E0 ROL
» -(A0)
001113DA E7F9 0000AF AF ROL
» $AF AF
001113E0 E7F9 0FFFAA550 ROL
» $FFFAA550
001113E6
001113E6 E6D0 ROR
» (A0)
001113E8 E6DF ROR
» (A7)+
001113EA E6E0 ROR
» -(A0)
001113EC E6F9 0000AF AF ROR
» $AF AF
001113F2 E6F9 0FFFAA550 ROR
» $FFFAA550
001113F8
001113F8 ; D0
» to all other data registers
001113F8 D040 ADD
» D0,D0
001113FA D240 ADD
» D0,D1
001113FC D440 ADD
» D0,D2

```

```

1113B0 LSR (A0)
1113B2 LSR (A7)+
1113B4 LSR -(A0)
1113B6 LSR $AF AF
1113BC LSR $FFFAA550
1113C2 LSL (A0)
1113C4 LSL (A7)+
1113C6 LSL -(A0)
1113C8 LSL $AF AF
1113CE LSL $FFFAA550
1113D4 ROL (A0)
1113D6 ROL (A7)+
1113D8 ROL -(A0)
1113DA ROL $AF AF
1113E0 ROL $FFFAA550
1113E6 ROR (A0)
1113E8 ROR (A7)+
1113EA ROR -(A0)
1113EC ROR $AF AF
1113F2 ROR $FFFAA550
1113F8 ADD.W D0, D0
1113FA ADD.W D0, D1
1113FC ADD.W D0, D2

```

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(continued)

001113FE D640	ADD	1113FE ADD.W	D0, D3
» D0,D3			
00111400 D840	ADD	111400 ADD.W	D0, D4
» D0,D4			
00111402 DA40	ADD	111402 ADD.W	D0, D5
» D0,D5			
00111404 DC40	ADD	111404 ADD.W	D0, D6
» D0,D6			
00111406 DE40	ADD	111406 ADD.W	D0, D7
» D0,D7			
00111408			
00111408 ; D1 to			
» all other data registers			
00111408 D041	ADD	111408 ADD.W	D1, D0
» D1,D0			
0011140A D241	ADD	11140A ADD.W	D1, D1
» D1,D1			
0011140C D441	ADD	11140C ADD.W	D1, D2
» D1,D2			
0011140E D641	ADD	11140E ADD.W	D1, D3
» D1,D3			
00111410 D841	ADD	111410 ADD.W	D1, D4
» D1,D4			
00111412 DA41	ADD	111412 ADD.W	D1, D5
» D1,D5			
00111414 DC41	ADD	111414 ADD.W	D1, D6
» D1,D6			
00111416 DE41	ADD	111416 ADD.W	D1, D7
» D1,D7			
00111418			
00111418 ; D2 to			
» all other data registers			
00111418 D042	ADD	111418 ADD.W	D2, D0
» D2,D0			
0011141A D242	ADD	11141A ADD.W	D2, D1
» D2,D1			
0011141C D442	ADD	11141C ADD.W	D2, D2
» D2,D2			
0011141E D642	ADD	11141E ADD.W	D2, D3
» D2,D3			
00111420 D842	ADD	111420 ADD.W	D2, D4
» D2,D4			
00111422 DA42	ADD	111422 ADD.W	D2, D5
» D2,D5			
00111424 DC42	ADD	111424 ADD.W	D2, D6
» D2,D6			
00111426 DE42	ADD	111426 ADD.W	D2, D7
» D2,D7			
00111428			
00111428 ; D3 to			
» all other data registers			
00111428 D043	ADD	111428 ADD.W	D3, D0

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(continued)

```

»      D3,D0
0011142A  D243          ADD
»      D3,D1
0011142C  D443          ADD
»      D3,D2
0011142E  D643          ADD
»      D3,D3
00111430  D843          ADD
»      D3,D4
00111432  DA43          ADD
»      D3,D5
00111434  DC43          ADD
»      D3,D6
00111436  DE43          ADD
»      D3,D7
00111438
00111438          ; D4 to
» all other data registers
00111438  D044          ADD
»      D4,D0
0011143A  D244          ADD
»      D4,D1
0011143C  D444          ADD
»      D4,D2
0011143E  D644          ADD
»      D4,D3
00111440  D844          ADD
»      D4,D4
00111442  DA44          ADD
»      D4,D5
00111444  DC44          ADD
»      D4,D6
00111446  DE44          ADD
»      D4,D7
00111448
00111448          ; D5 to
» all other data registers
00111448  D045          ADD
»      D5,D0
0011144A  D245          ADD
»      D5,D1
0011144C  D445          ADD
»      D5,D2
0011144E  D645          ADD
»      D5,D3
00111450  D845          ADD
»      D5,D4
00111452  DA45          ADD
»      D5,D5
00111454  DC45          ADD
»      D5,D6
00111456  DE45          ADD

```

```

11142A  ADD.W      D3, D1
11142C  ADD.W      D3, D2
11142E  ADD.W      D3, D3
111430  ADD.W      D3, D4
111432  ADD.W      D3, D5
111434  ADD.W      D3, D6
111436  ADD.W      D3, D7

111438  ADD.W      D4, D0
11143A  ADD.W      D4, D1
11143C  ADD.W      D4, D2
11143E  ADD.W      D4, D3
111440  ADD.W      D4, D4
111442  ADD.W      D4, D5
111444  ADD.W      D4, D6
111446  ADD.W      D4, D7

111448  ADD.W      D5, D0
11144A  ADD.W      D5, D1
11144C  ADD.W      D5, D2
11144E  ADD.W      D5, D3
111450  ADD.W      D5, D4
111452  ADD.W      D5, D5
111454  ADD.W      D5, D6
111456  ADD.W      D5, D7

```

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(continued)

```

»      D5,D7
00111458
00111458                                ; D6 to
» all other data registers
00111458 D046                          ADD
»      D6,D0
0011145A D246                          ADD
»      D6,D1
0011145C D446                          ADD
»      D6,D2
0011145E D646                          ADD
»      D6,D3
00111460 D846                          ADD
»      D6,D4
00111462 DA46                          ADD
»      D6,D5
00111464 DC46                          ADD
»      D6,D6
00111466 DE46                          ADD
»      D6,D7
00111468
00111468                                ; D7 to
» all other data registers
00111468 D047                          ADD
»      D7,D0
0011146A D247                          ADD
»      D7,D1
0011146C D447                          ADD
»      D7,D2
0011146E D647                          ADD
»      D7,D3
00111470 D847                          ADD
»      D7,D4
00111472 DA47                          ADD
»      D7,D5
00111474 DC47                          ADD
»      D7,D6
00111476 DE47                          ADD
»      D7,D7
00111478
00111478                                ; D0 to
» all other address registers
00111478 D0C0                          ADD
»      D0,A0
0011147A D2C0                          ADD
»      D0,A1
0011147C D4C0                          ADD
»      D0,A2
0011147E D6C0                          ADD
»      D0,A3
00111480 D8C0                          ADD
»      D0,A4

```

111458	ADD.W	D6, D0
11145A	ADD.W	D6, D1
11145C	ADD.W	D6, D2
11145E	ADD.W	D6, D3
111460	ADD.W	D6, D4
111462	ADD.W	D6, D5
111464	ADD.W	D6, D6
111466	ADD.W	D6, D7
111468	ADD.W	D7, D0
11146A	ADD.W	D7, D1
11146C	ADD.W	D7, D2
11146E	ADD.W	D7, D3
111470	ADD.W	D7, D4
111472	ADD.W	D7, D5
111474	ADD.W	D7, D6
111476	ADD.W	D7, D7
111478	ADDA.W	D0, A0
11147A	ADDA.W	D0, A1
11147C	ADDA.W	D0, A2
11147E	ADDA.W	D0, A3
111480	ADDA.W	D0, A4

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(continued)

```

00111482  DAC0          ADD
»      D0,A5
00111484  DCC0          ADD
»      D0,A6
00111486  DEC0          ADD
»      D0,A7
00111488
00111488          ; D1 to
» all other address registers
00111488  D0C1          ADD
»      D1,A0
0011148A  D2C1          ADD
»      D1,A1
0011148C  D4C1          ADD
»      D1,A2
0011148E  D6C1          ADD
»      D1,A3
00111490  D8C1          ADD
»      D1,A4
00111492  DAC1          ADD
»      D1,A5
00111494  DCC1          ADD
»      D1,A6
00111496  DEC1          ADD
»      D1,A7
00111498
00111498          ; D2 to
» all other address registers
00111498  D0C2          ADD
»      D2,A0
0011149A  D2C2          ADD
»      D2,A1
0011149C  D4C2          ADD
»      D2,A2
0011149E  D6C2          ADD
»      D2,A3
001114A0  D8C2          ADD
»      D2,A4
001114A2  DAC2          ADD
»      D2,A5
001114A4  DCC2          ADD
»      D2,A6
001114A6  DEC2          ADD
»      D2,A7
001114A8
001114A8          ; D3 to
» all other address registers
001114A8  D0C3          ADD
»      D3,A0
001114AA  D2C3          ADD
»      D3,A1
001114AC  D4C3          ADD

```

```

111482  ADDA.W  D0, A5
111484  ADDA.W  D0, A6
111486  ADDA.W  D0, A7
111488  ADDA.W  D1, A0
11148A  ADDA.W  D1, A1
11148C  ADDA.W  D1, A2
11148E  ADDA.W  D1, A3
111490  ADDA.W  D1, A4
111492  ADDA.W  D1, A5
111494  ADDA.W  D1, A6
111496  ADDA.W  D1, A7
111498  ADDA.W  D2, A0
11149A  ADDA.W  D2, A1
11149C  ADDA.W  D2, A2
11149E  ADDA.W  D2, A3
1114A0  ADDA.W  D2, A4
1114A2  ADDA.W  D2, A5
1114A4  ADDA.W  D2, A6
1114A6  ADDA.W  D2, A7
1114A8  ADDA.W  D3, A0
1114AA  ADDA.W  D3, A1
1114AC  ADDA.W  D3, A2

```

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(continued)

» D3,A2			
001114AE D6C3	ADD	1114AE	ADDA.W D3, A3
» D3,A3			
001114B0 D8C3	ADD	1114B0	ADDA.W D3, A4
» D3,A4			
001114B2 DAC3	ADD	1114B2	ADDA.W D3, A5
» D3,A5			
001114B4 DCC3	ADD	1114B4	ADDA.W D3, A6
» D3,A6			
001114B6 DEC3	ADD	1114B6	ADDA.W D3, A7
» D3,A7			
001114B8			
001114B8	; D4 to		
» all other address registers			
001114B8 D0C4	ADD	1114B8	ADDA.W D4, A0
» D4,A0			
001114BA D2C4	ADD	1114BA	ADDA.W D4, A1
» D4,A1			
001114BC D4C4	ADD	1114BC	ADDA.W D4, A2
» D4,A2			
001114BE D6C4	ADD	1114BE	ADDA.W D4, A3
» D4,A3			
001114C0 D8C4	ADD	1114C0	ADDA.W D4, A4
» D4,A4			
001114C2 DAC4	ADD	1114C2	ADDA.W D4, A5
» D4,A5			
001114C4 DCC4	ADD	1114C4	ADDA.W D4, A6
» D4,A6			
001114C6 DEC4	ADD	1114C6	ADDA.W D4, A7
» D4,A7			
001114C8			
001114C8	; D5 to		
» all other address registers			
001114C8 D0C5	ADD	1114C8	ADDA.W D5, A0
» D5,A0			
001114CA D2C5	ADD	1114CA	ADDA.W D5, A1
» D5,A1			
001114CC D4C5	ADD	1114CC	ADDA.W D5, A2
» D5,A2			
001114CE D6C5	ADD	1114CE	ADDA.W D5, A3
» D5,A3			
001114D0 D8C5	ADD	1114D0	ADDA.W D5, A4
» D5,A4			
001114D2 DAC5	ADD	1114D2	ADDA.W D5, A5
» D5,A5			
001114D4 DCC5	ADD	1114D4	ADDA.W D5, A6
» D5,A6			
001114D6 DEC5	ADD	1114D6	ADDA.W D5, A7
» D5,A7			
001114D8			
001114D8	; D6 to		
» all other address registers			

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(continued)

```

001114D8 D0C6 ADD
» D6,A0
001114DA D2C6 ADD
» D6,A1
001114DC D4C6 ADD
» D6,A2
001114DE D6C6 ADD
» D6,A3
001114E0 D8C6 ADD
» D6,A4
001114E2 DAC6 ADD
» D6,A5
001114E4 DCC6 ADD
» D6,A6
001114E6 DEC6 ADD
» D6,A7
001114E8
001114E8 ; D7 to
» all other address registers
001114E8 D0C7 ADD
» D7,A0
001114EA D2C7 ADD
» D7,A1
001114EC D4C7 ADD
» D7,A2
001114EE D6C7 ADD
» D7,A3
001114F0 D8C7 ADD
» D7,A4
001114F2 DAC7 ADD
» D7,A5
001114F4 DCC7 ADD
» D7,A6
001114F6 DEC7 ADD
» D7,A7
001114F8
001114F8 ; values
» from all address registers to A0
001114F8 D0D0 ADD
» (A0),A0
001114FA D0D1 ADD
» (A1),A0
001114FC D0D2 ADD
» (A2),A0
001114FE D0D3 ADD
» (A3),A0
00111500 D0D4 ADD
» (A4),A0
00111502 D0D5 ADD
» (A5),A0
00111504 D0D6 ADD
» (A6),A0

```

```

1114D8 ADDA.W D6, A0
1114DA ADDA.W D6, A1
1114DC ADDA.W D6, A2
1114DE ADDA.W D6, A3
1114E0 ADDA.W D6, A4
1114E2 ADDA.W D6, A5
1114E4 ADDA.W D6, A6
1114E6 ADDA.W D6, A7

1114E8 ADDA.W D7, A0
1114EA ADDA.W D7, A1
1114EC ADDA.W D7, A2
1114EE ADDA.W D7, A3
1114F0 ADDA.W D7, A4
1114F2 ADDA.W D7, A5
1114F4 ADDA.W D7, A6
1114F6 ADDA.W D7, A7

1114F8 ADDA.W (A0), A0
1114FA ADDA.W (A1), A0
1114FC ADDA.W (A2), A0
1114FE ADDA.W (A3), A0
111500 ADDA.W (A4), A0
111502 ADDA.W (A5), A0
111504 ADDA.W (A6), A0

```

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(continued)

```

00111506 D0D7 ADD
» (A7),A0
00111508
00111508 ; values
» from all address registers to A1
00111508 D2D0 ADD
» (A0),A1
0011150A D2D1 ADD
» (A1),A1
0011150C D2D2 ADD
» (A2),A1
0011150E D2D3 ADD
» (A3),A1
00111510 D2D4 ADD
» (A4),A1
00111512 D2D5 ADD
» (A5),A1
00111514 D2D6 ADD
» (A6),A1
00111516 D2D7 ADD
» (A7),A1
00111518
»
00111518 ; values
» from all address registers to A2
00111518 D4D0 ADD
» (A0),A2
0011151A D4D1 ADD
» (A1),A2
0011151C D4D2 ADD
» (A2),A2
0011151E D4D3 ADD
» (A3),A2
00111520 D4D4 ADD
» (A4),A2
00111522 D4D5 ADD
» (A5),A2
00111524 D4D6 ADD
» (A6),A2
00111526 D4D7 ADD
» (A7),A2
00111528
00111528 ; values
» from all address registers to A3
00111528 D6D0 ADD
» (A0),A3
0011152A D6D1 ADD
» (A1),A3
0011152C D6D2 ADD
» (A2),A3
0011152E D6D3 ADD
» (A3),A3

```

```

111506 ADDA.W (A7), A0
111508 ADDA.W (A0), A1
11150A ADDA.W (A1), A1
11150C ADDA.W (A2), A1
11150E ADDA.W (A3), A1
111510 ADDA.W (A4), A1
111512 ADDA.W (A5), A1
111514 ADDA.W (A6), A1
111516 ADDA.W (A7), A1
111518 ADDA.W (A0), A2
11151A ADDA.W (A1), A2
11151C ADDA.W (A2), A2
11151E ADDA.W (A3), A2
111520 ADDA.W (A4), A2
111522 ADDA.W (A5), A2
111524 ADDA.W (A6), A2
111526 ADDA.W (A7), A2
111528 ADDA.W (A0), A3
11152A ADDA.W (A1), A3
11152C ADDA.W (A2), A3
11152E ADDA.W (A3), A3

```


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(continued)

```

00111530 D6D4 ADD
» (A4),A3
00111532 D6D5 ADD
» (A5),A3
00111534 D6D6 ADD
» (A6),A3
00111536 D6D7 ADD
» (A7),A3
00111538
»
00111538 ; valu
» es from all address registers to A4
00111538 D8D0 ADD
» (A0),A4
0011153A D8D1 ADD
» (A1),A4
0011153C D8D2 ADD
» (A2),A4
0011153E D8D3 ADD
» (A3),A4
00111540 D8D4 ADD
» (A4),A4
00111542 D8D5 ADD
» (A5),A4
00111544 D8D6 ADD
» (A6),A4
00111546 D8D7 ADD
» (A7),A4
00111548
»
00111548 ; values
» from all address registers to A5
00111548 DAD0 ADD
» (A0),A5
0011154A DAD1 ADD
» (A1),A5
0011154C DAD2 ADD
» (A2),A5
0011154E DAD3 ADD
» (A3),A5
00111550 DAD4 ADD
» (A4),A5
00111552 DAD5 ADD
» (A5),A5
00111554 DAD6 ADD
» (A6),A5
00111556 DAD7 ADD
» (A7),A5
00111558
»
00111558 ; values
» from all address registers to A6

```

```

111530 ADDA.W (A4), A3
111532 ADDA.W (A5), A3
111534 ADDA.W (A6), A3
111536 ADDA.W (A7), A3
111538 ADDA.W (A0), A4
11153A ADDA.W (A1), A4
11153C ADDA.W (A2), A4
11153E ADDA.W (A3), A4
111540 ADDA.W (A4), A4
111542 ADDA.W (A5), A4
111544 ADDA.W (A6), A4
111546 ADDA.W (A7), A4
111548 ADDA.W (A0), A5
11154A ADDA.W (A1), A5
11154C ADDA.W (A2), A5
11154E ADDA.W (A3), A5
111550 ADDA.W (A4), A5
111552 ADDA.W (A5), A5
111554 ADDA.W (A6), A5
111556 ADDA.W (A7), A5

```

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(continued)

```

00111558 DCD0 ADD
» (A0),A6
0011155A DCD1 ADD
» (A1),A6
0011155C DCD2 ADD
» (A2),A6
0011155E DCD3 ADD
» (A3),A6
00111560 DCD4 ADD
» (A4),A6
00111562 DCD5 ADD
» (A5),A6
00111564 DCD6 ADD
» (A6),A6
00111566 DCD7 ADD
» (A7),A6
00111568
»
00111568 ; va
» lues from all address registers to A7
00111568 DED0 ADD
» (A0),A7
0011156A DED1 ADD
» (A1),A7
0011156C DED2 ADD
» (A2),A7
0011156E DED3 ADD
» (A3),A7
00111570 DED4 ADD
» (A4),A7
00111572 DED5 ADD
» (A5),A7
00111574 DED6 ADD
» (A6),A7
00111576 DED7 ADD
» (A7),A7
00111578
00111578 ; po
» st-increment from all address registers to A
» 0
00111578 D0D8 ADD
» (A0)+,A0
0011157A D0D9 ADD
» (A1)+,A0
0011157C D0DA ADD
» (A2)+,A0
0011157E D0DB ADD
» (A3)+,A0
00111580 D0DC ADD
» (A4)+,A0
00111582 D0DD ADD
» (A5)+,A0

```

```

111558 ADDA.W (A0), A6
11155A ADDA.W (A1), A6
11155C ADDA.W (A2), A6
11155E ADDA.W (A3), A6
111560 ADDA.W (A4), A6
111562 ADDA.W (A5), A6
111564 ADDA.W (A6), A6
111566 ADDA.W (A7), A6

```

```

111568 ADDA.W (A0), A7
11156A ADDA.W (A1), A7
11156C ADDA.W (A2), A7
11156E ADDA.W (A3), A7
111570 ADDA.W (A4), A7
111572 ADDA.W (A5), A7
111574 ADDA.W (A6), A7
111576 ADDA.W (A7), A7

```

```

111578 ADDA.W (A0)+, A0
11157A ADDA.W (A1)+, A0
11157C ADDA.W (A2)+, A0
11157E ADDA.W (A3)+, A0
111580 ADDA.W (A4)+, A0
111582 ADDA.W (A5)+, A0

```

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(continued)

```

00111584 D0DE ADD
» (A6)+,A0
00111586 D0DF ADD
» (A7)+,A0
00111588
»
00111588 ; post-i
» ncrement from all address registers to A1
»
00111588 D2D8 ADD
» (A0)+,A1
0011158A D2D9 ADD
» (A1)+,A1
0011158C D2DA ADD
» (A2)+,A1
0011158E D2DB ADD
» (A3)+,A1
00111590 D2DC ADD
» (A4)+,A1
00111592 D2DD ADD
» (A5)+,A1
00111594 D2DE ADD
» (A6)+,A1
00111596 D2DF ADD
» (A7)+,A1
00111598
»
00111598 ; post-i
» ncrement from all address registers to A2
»
00111598 D4D8 ADD
» (A0)+,A2
0011159A D4D9 ADD
» (A1)+,A2
0011159C D4DA ADD
» (A2)+,A2
0011159E D4DB ADD
» (A3)+,A2
001115A0 D4DC ADD
» (A4)+,A2
001115A2 D4DD ADD
» (A5)+,A2
001115A4 D4DE ADD
» (A6)+,A2
001115A6 D4DF ADD
» (A7)+,A2
001115A8
»
001115A8 ; po
» st-increment from all address registers to A
» 3
001115A8 D6D8 ADD

```

```

111584 ADDA.W (A6)+, A0
111586 ADDA.W (A7)+, A0
111588 ADDA.W (A0)+, A1
11158A ADDA.W (A1)+, A1
11158C ADDA.W (A2)+, A1
11158E ADDA.W (A3)+, A1
111590 ADDA.W (A4)+, A1
111592 ADDA.W (A5)+, A1
111594 ADDA.W (A6)+, A1
111596 ADDA.W (A7)+, A1
111598 ADDA.W (A0)+, A2
11159A ADDA.W (A1)+, A2
11159C ADDA.W (A2)+, A2
11159E ADDA.W (A3)+, A2
1115A0 ADDA.W (A4)+, A2
1115A2 ADDA.W (A5)+, A2
1115A4 ADDA.W (A6)+, A2
1115A6 ADDA.W (A7)+, A2
1115A8 ADDA.W (A0)+, A3

```

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(continued)

```

»      (A0)+,A3
001115AA D6D9      ADD
»      (A1)+,A3
001115AC D6DA      ADD
»      (A2)+,A3
001115AE D6DB      ADD
»      (A3)+,A3
001115B0 D6DC      ADD
»      (A4)+,A3
001115B2 D6DD      ADD
»      (A5)+,A3
001115B4 D6DE      ADD
»      (A6)+,A3
001115B6 D6DF      ADD
»      (A7)+,A3
001115B8
»
001115B8      ; post-i
» ncrement from all address registers to A4
»
001115B8 D8D8      ADD
»      (A0)+,A4
001115BA D8D9      ADD
»      (A1)+,A4
001115BC D8DA      ADD
»      (A2)+,A4
001115BE D8DB      ADD
»      (A3)+,A4
001115C0 D8DC      ADD
»      (A4)+,A4
001115C2 D8DD      ADD
»      (A5)+,A4
001115C4 D8DE      ADD
»      (A6)+,A4
001115C6 D8DF      ADD
»      (A7)+,A4
001115C8
»
001115C8      ; post-i
» ncrement from all address registers to A5
»
001115C8 DAD8      ADD
»      (A0)+,A5
001115CA DAD9      ADD
»      (A1)+,A5
001115CC DADA      ADD
»      (A2)+,A5
001115CE DADB      ADD
»      (A3)+,A5
001115D0 DADC      ADD
»      (A4)+,A5
001115D2 DADD      ADD

```

```

1115AA ADDA.W (A1)+, A3
1115AC ADDA.W (A2)+, A3
1115AE ADDA.W (A3)+, A3
1115B0 ADDA.W (A4)+, A3
1115B2 ADDA.W (A5)+, A3
1115B4 ADDA.W (A6)+, A3
1115B6 ADDA.W (A7)+, A3
1115B8 ADDA.W (A0)+, A4
1115BA ADDA.W (A1)+, A4
1115BC ADDA.W (A2)+, A4
1115BE ADDA.W (A3)+, A4
1115C0 ADDA.W (A4)+, A4
1115C2 ADDA.W (A5)+, A4
1115C4 ADDA.W (A6)+, A4
1115C6 ADDA.W (A7)+, A4
1115C8 ADDA.W (A0)+, A5
1115CA ADDA.W (A1)+, A5
1115CC ADDA.W (A2)+, A5
1115CE ADDA.W (A3)+, A5
1115D0 ADDA.W (A4)+, A5
1115D2 ADDA.W (A5)+, A5

```

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(continued)

```

»      (A5)+,A5
001115D4  DAD E      ADD
»      (A6)+,A5
001115D6  DAD F      ADD
»      (A7)+,A5
001115D8
»
001115D8                      ; post-i
»  ncrement from all address registers to A6
»
001115D8  DCD 8      ADD
»      (A0)+,A6
001115DA  DCD 9      ADD
»      (A1)+,A6
001115DC  DCD A      ADD
»      (A2)+,A6
001115DE  DCD B      ADD
»      (A3)+,A6
001115E0  DCD C      ADD
»      (A4)+,A6
001115E2  DCD D      ADD
»      (A5)+,A6
001115E4  DCD E      ADD
»      (A6)+,A6
001115E6  DCD F      ADD
»      (A7)+,A6
001115E8
»
001115E8                      ; post-
»  increment from all address registers to A7
»
001115E8  DED 8      ADD
»      (A0)+,A7
001115EA  DED 9      ADD
»      (A1)+,A7
001115EC  DED A      ADD
»      (A2)+,A7
001115EE  DED B      ADD
»      (A3)+,A7
001115F0  DED C      ADD
»      (A4)+,A7
001115F2  DED D      ADD
»      (A5)+,A7
001115F4  DED E      ADD
»      (A6)+,A7
001115F6  DED F      ADD
»      (A7)+,A7
001115F8
001115F8                      ; pr
»  e-decrement from all address registers to A0
001115F8  D0E 0      ADD
»      -(A0),A0

```

```

1115D4  ADDA.W  (A6)+, A5

1115D6  ADDA.W  (A7)+, A5

1115D8  ADDA.W  (A0)+, A6

1115DA  ADDA.W  (A1)+, A6

1115DC  ADDA.W  (A2)+, A6

1115DE  ADDA.W  (A3)+, A6

1115E0  ADDA.W  (A4)+, A6

1115E2  ADDA.W  (A5)+, A6

1115E4  ADDA.W  (A6)+, A6

1115E6  ADDA.W  (A7)+, A6

1115E8  ADDA.W  (A0)+, A7

1115EA  ADDA.W  (A1)+, A7

1115EC  ADDA.W  (A2)+, A7

1115EE  ADDA.W  (A3)+, A7

1115F0  ADDA.W  (A4)+, A7

1115F2  ADDA.W  (A5)+, A7

1115F4  ADDA.W  (A6)+, A7

1115F6  ADDA.W  (A7)+, A7

1115F8  ADDA.W  -(A0), A0

```

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(continued)

001115FA D0E1	ADD	1115FA ADDA.W -(A1), A0
» -(A1),A0		
001115FC D0E2	ADD	1115FC ADDA.W -(A2), A0
» -(A2),A0		
001115FE D0E3	ADD	1115FE ADDA.W -(A3), A0
» -(A3),A0		
00111600 D0E4	ADD	111600 ADDA.W -(A4), A0
» -(A4),A0		
00111602 D0E5	ADD	111602 ADDA.W -(A5), A0
» -(A5),A0		
00111604 D0E6	ADD	111604 ADDA.W -(A6), A0
» -(A6),A0		
00111606 D0E7	ADD	111606 ADDA.W -(A7), A0
» -(A7),A0		
00111608		
00111608 ; pre-de		
» crement from all address registers to A1		
»		
00111608 D2E0	ADD	111608 ADDA.W -(A0), A1
» -(A0),A1		
0011160A D2E1	ADD	11160A ADDA.W -(A1), A1
» -(A1),A1		
0011160C D2E2	ADD	11160C ADDA.W -(A2), A1
» -(A2),A1		
0011160E D2E3	ADD	11160E ADDA.W -(A3), A1
» -(A3),A1		
00111610 D2E4	ADD	111610 ADDA.W -(A4), A1
» -(A4),A1		
00111612 D2E5	ADD	111612 ADDA.W -(A5), A1
» -(A5),A1		
00111614 D2E6	ADD	111614 ADDA.W -(A6), A1
» -(A6),A1		
00111616 D2E7	ADD	111616 ADDA.W -(A7), A1
» -(A7),A1		
00111618		
00111618 ; pre-de		
» crement from all address registers to A2		
»		
00111618 D4E0	ADD	111618 ADDA.W -(A0), A2
» -(A0),A2		
0011161A D4E1	ADD	11161A ADDA.W -(A1), A2
» -(A1),A2		
0011161C D4E2	ADD	11161C ADDA.W -(A2), A2
» -(A2),A2		
0011161E D4E3	ADD	11161E ADDA.W -(A3), A2
» -(A3),A2		
00111620 D4E4	ADD	111620 ADDA.W -(A4), A2
» -(A4),A2		
00111622 D4E5	ADD	111622 ADDA.W -(A5), A2
» -(A5),A2		
00111624 D4E6	ADD	111624 ADDA.W -(A6), A2
» -(A6),A2		

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(continued)

```

00111626 D4E7 ADD
» -(A7),A2
00111628
»
00111628 ; pre-de
» crement from all address registers to A3
»
00111628 D6E0 ADD
» -(A0),A3
0011162A D6E1 ADD
» -(A1),A3
0011162C D6E2 ADD
» -(A2),A3
0011162E D6E3 ADD
» -(A3),A3
00111630 D6E4 ADD
» -(A4),A3
00111632 D6E5 ADD
» -(A5),A3
00111634 D6E6 ADD
» -(A6),A3
00111636 D6E7 ADD
» -(A7),A3
00111638
»
00111638 ; pre-de
» crement from all address registers to A4
»
00111638 D8E0 ADD
» -(A0),A4
0011163A D8E1 ADD
» -(A1),A4
0011163C D8E2 ADD
» -(A2),A4
0011163E D8E3 ADD
» -(A3),A4
00111640 D8E4 ADD
» -(A4),A4
00111642 D8E5 ADD
» -(A5),A4
00111644 D8E6 ADD
» -(A6),A4
00111646 D8E7 ADD
» -(A7),A4
00111648
»
00111648 ; pre-de
» crement from all address registers to A5
»
00111648 DAE0 ADD
» -(A0),A5
0011164A DAE1 ADD

```

```

111626 ADDA.W -(A7), A2
111628 ADDA.W -(A0), A3
11162A ADDA.W -(A1), A3
11162C ADDA.W -(A2), A3
11162E ADDA.W -(A3), A3
111630 ADDA.W -(A4), A3
111632 ADDA.W -(A5), A3
111634 ADDA.W -(A6), A3
111636 ADDA.W -(A7), A3
111638 ADDA.W -(A0), A4
11163A ADDA.W -(A1), A4
11163C ADDA.W -(A2), A4
11163E ADDA.W -(A3), A4
111640 ADDA.W -(A4), A4
111642 ADDA.W -(A5), A4
111644 ADDA.W -(A6), A4
111646 ADDA.W -(A7), A4
111648 ADDA.W -(A0), A5
11164A ADDA.W -(A1), A5

```

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(continued)

```

»      -(A1),A5
0011164C  DAE2                ADD
»      -(A2),A5
0011164E  DAE3                ADD
»      -(A3),A5
00111650  DAE4                ADD
»      -(A4),A5
00111652  DAE5                ADD
»      -(A5),A5
00111654  DAE6                ADD
»      -(A6),A5
00111656  DAE7                ADD
»      -(A7),A5
00111658
»
00111658                                ; pre-de
» crement from all address registers to A6
»
00111658  DCE0                ADD
»      -(A0),A6
0011165A  DCE1                ADD
»      -(A1),A6
0011165C  DCE2                ADD
»      -(A2),A6
0011165E  DCE3                ADD
»      -(A3),A6
00111660  DCE4                ADD
»      -(A4),A6
00111662  DCE5                ADD
»      -(A5),A6
00111664  DCE6                ADD
»      -(A6),A6
00111666  DCE7                ADD
»      -(A7),A6
00111668
»
00111668                                ; pre-de
» crement from all address registers to A7
»
00111668  DEE0                ADD
»      -(A0),A7
0011166A  DEE1                ADD
»      -(A1),A7
0011166C  DEE2                ADD
»      -(A2),A7
0011166E  DEE3                ADD
»      -(A3),A7
00111670  DEE4                ADD
»      -(A4),A7
00111672  DEE5                ADD
»      -(A5),A7
00111674  DEE6                ADD

```

```

11164C  ADDA.W  -(A2), A5
11164E  ADDA.W  -(A3), A5
111650  ADDA.W  -(A4), A5
111652  ADDA.W  -(A5), A5
111654  ADDA.W  -(A6), A5
111656  ADDA.W  -(A7), A5

111658  ADDA.W  -(A0), A6
11165A  ADDA.W  -(A1), A6
11165C  ADDA.W  -(A2), A6
11165E  ADDA.W  -(A3), A6
111660  ADDA.W  -(A4), A6
111662  ADDA.W  -(A5), A6
111664  ADDA.W  -(A6), A6
111666  ADDA.W  -(A7), A6

111668  ADDA.W  -(A0), A7
11166A  ADDA.W  -(A1), A7
11166C  ADDA.W  -(A2), A7
11166E  ADDA.W  -(A3), A7
111670  ADDA.W  -(A4), A7
111672  ADDA.W  -(A5), A7
111674  ADDA.W  -(A6), A7

```


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(continued)

```

»      -(A6),A7
00111676  DEE7          ADD
»      -(A7),A7
00111678
00111678          ; immedi
» ate to all data registers
00111678  5240          ADD
»      #01,D0
0011167A  5241          ADD
»      #01,D1
0011167C  5242          ADD
»      #01,D2
0011167E  5243          ADD
»      #01,D3
00111680  5244          ADD
»      #01,D4
00111682  5245          ADD
»      #01,D5
00111684  5246          ADD
»      #01,D6
00111686  5247          ADD
»      #01,D7
00111688
00111688          ; immedi
» ate to all address register
00111688  5248          ADD
»      #01,A0
0011168A  5249          ADD
»      #01,A1
0011168C  524A          ADD
»      #01,A2
0011168E  524B          ADD
»      #01,A3
00111690  524C          ADD
»      #01,A4
00111692  524D          ADD
»      #01,A5
00111694  524E          ADD
»      #01,A6
00111696  524F          ADD
»      #01,A7
00111698
00111698          ; immedi
» ate to all address register values
00111698  5250          ADD
»      #01,(A0)
0011169A  5251          ADD
»      #01,(A1)
0011169C  5252          ADD
»      #01,(A2)
0011169E  5253          ADD
»      #01,(A3)

```

111676 ADDA.W -(A7), A7

111678 ADDQ.W #1, D0

11167A ADDQ.W #1, D1

11167C ADDQ.W #1, D2

11167E ADDQ.W #1, D3

111680 ADDQ.W #1, D4

111682 ADDQ.W #1, D5

111684 ADDQ.W #1, D6

111686 ADDQ.W #1, D7

111688 ADDQ.W #1, A0

11168A ADDQ.W #1, A1

11168C ADDQ.W #1, A2

11168E ADDQ.W #1, A3

111690 ADDQ.W #1, A4

111692 ADDQ.W #1, A5

111694 ADDQ.W #1, A6

111696 ADDQ.W #1, A7

111698 ADDQ.W #1, (A0)

11169A ADDQ.W #1, (A1)

11169C ADDQ.W #1, (A2)

11169E ADDQ.W #1, (A3)

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(continued)

```

001116A0 5254 ADD
» #01,(A4)
001116A2 5255 ADD
» #01,(A5)
001116A4 5256 ADD
» #01,(A6)
001116A6 5257 ADD
» #01,(A7)
001116A8
001116A8 ; immedi
» ate to all address register with post increm
» ent
001116A8 5258 ADD
» #01,(A0)+
001116AA 5259 ADD
» #01,(A1)+
001116AC 525A ADD
» #01,(A2)+
001116AE 525B ADD
» #01,(A3)+
001116B0 525C ADD
» #01,(A4)+
001116B2 525D ADD
» #01,(A5)+
001116B4 525E ADD
» #01,(A6)+
001116B6 525F ADD
» #01,(A7)+
001116B8
001116B8 ; immedi
» ate to all address register with pre-decreme
» nt
001116B8 5260 ADD
» #01,-(A0)
001116BA 5261 ADD
» #01,-(A1)
001116BC 5262 ADD
» #01,-(A2)
001116BE 5263 ADD
» #01,-(A3)
001116C0 5264 ADD
» #01,-(A4)
001116C2 5265 ADD
» #01,-(A5)
001116C4 5266 ADD
» #01,-(A6)
001116C6 5267 ADD
» #01,-(A7)
001116C8
001116C8 ; absolu
» te short to all data registers
001116C8 D078 0001 ADD

```

```

1116A0 ADDQ.W #1, (A4)
1116A2 ADDQ.W #1, (A5)
1116A4 ADDQ.W #1, (A6)
1116A6 ADDQ.W #1, (A7)
1116A8 ADDQ.W #1, (A0)+
1116AA ADDQ.W #1, (A1)+
1116AC ADDQ.W #1, (A2)+
1116AE ADDQ.W #1, (A3)+
1116B0 ADDQ.W #1, (A4)+
1116B2 ADDQ.W #1, (A5)+
1116B4 ADDQ.W #1, (A6)+
1116B6 ADDQ.W #1, (A7)+
1116B8 ADDQ.W #1, -(A0)
1116BA ADDQ.W #1, -(A1)
1116BC ADDQ.W #1, -(A2)
1116BE ADDQ.W #1, -(A3)
1116C0 ADDQ.W #1, -(A4)
1116C2 ADDQ.W #1, -(A5)
1116C4 ADDQ.W #1, -(A6)
1116C6 ADDQ.W #1, -(A7)
1116C8 ADD.W $1, D0

```

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(continued)

» \$01,D0					
001116CC D278 0001	ADD		1116CC	ADD.W	\$1, D1
» \$01,D1					
001116D0 D478 0001	ADD		1116D0	ADD.W	\$1, D2
» \$01,D2					
001116D4 D678 0001	ADD		1116D4	ADD.W	\$1, D3
» \$01,D3					
001116D8 D878 0001	ADD		1116D8	ADD.W	\$1, D4
» \$01,D4					
001116DC DA78 0001	ADD		1116DC	ADD.W	\$1, D5
» \$01,D5					
001116E0 DC78 0001	ADD		1116E0	ADD.W	\$1, D6
» \$01,D6					
001116E4 DE78 0001	ADD		1116E4	ADD.W	\$1, D7
» \$01,D7					
001116E8					
001116E8 ; absolute					
» te long to all data registers					
001116E8 D0F8 0A05	ADD		1116E8	ADDA.W	\$A05, A0
» \$0A05,A0					
001116EC D2F8 0A05	ADD		1116EC	ADDA.W	\$A05, A1
» \$0A05,A1					
001116F0 D4F8 0A05	ADD		1116F0	ADDA.W	\$A05, A2
» \$0A05,A2					
001116F4 D6F8 0A05	ADD		1116F4	ADDA.W	\$A05, A3
» \$0A05,A3					
001116F8 D8F8 0A05	ADD		1116F8	ADDA.W	\$A05, A4
» \$0A05,A4					
001116FC DAF8 0A05	ADD		1116FC	ADDA.W	\$A05, A5
» \$0A05,A5					
00111700 DCF8 0A05	ADD		111700	ADDA.W	\$A05, A6
» \$0A05,A6					
00111704 DEF8 0A05	ADD		111704	ADDA.W	\$A05, A7
» \$0A05,A7					
			111708	SIMHALT	
			11170A	SIMHALT	