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PPPPPPP      AAAAAA      TTTTTTTTTT      IIIIII      NN      NN      SSSSSSSS
PPPPPPP      AAAAAA      TTTTTTTTTT      IIIIII      NN      NN      SSSSSSSS
PP      PP      AA      AA      TT      II      NN      NN      SS
PP      PP      AA      AA      TT      II      NN      NN      SS
PP      PP      AA      AA      TT      II      NNNN      NN      SS
PP      PP      AA      AA      TT      II      NNNN      NN      SS
PPPPPPP      AA      AA      TT      II      NN      NN      SSSSSS
PPPPPPP      AA      AA      TT      II      NN      NN      SSSSSS
PP      AAAAAAAAAA      TT      II      NN      NNNN      SS
PP      AAAAAAAAAA      TT      II      NN      NNNN      SS
PP      AA      AA      TT      II      NN      NN      SS
PP      AA      AA      TT      II      NN      NN      SS
PP      AA      AA      TT      IIIIII      NN      NN      SSSSSSSS
PP      AA      AA      TT      IIIIII      NN      NN      SSSSSSSS

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LL      IIIIII      SSSSSSSS
LL      IIIIII      SSSSSSSS
LL      II      SS
LL      II      SS
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LL      II      SSSSSS
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0001 0 MODULE PATINS (
L 0002 0   %IF %VARIANT EQL 1
0003 0   %THEN
0004 0       ADDRESSING_MODE (EXTERNAL = LONG_RELATIVE, NONEXTERNAL = LONG_RELATIVE),
0005 0   %FI
0006 0   IDENT = 'V04-000'   ) =
0007 1 BEGIN
0008 1
0009 1 :++
0010 1
0011 1 *****
0012 1 *
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0029 1 *  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0030 1 *
0031 1 *
0032 1 *****
0033 1
0034 1 FACILITY:      PATCH
0035 1
0036 1 DATA STRUCTURE TO DESCRIBE VAX INSTRUCTION SET.
0037 1
0038 1 FUNCTIONAL DESCRIPTION:
0039 1
0040 1 1) THIS MODULE DEFINES THE DATA VECTOR 'PAT$GB OPINFO',
0041 1 WHICH DEBUG USES TO DESCRIBE THE VAX OP CODES. THIS
0042 1 VECTOR IS USED BY THE CODE WHICH DE-ASSEMBLES INSTRUCTIONS
0043 1 TO PRINT THEM OUT 'IN ASSEMBLER'.
0044 1
0045 1
0046 1 History:
0047 1 Author:
0048 1 KEVIN PAMMETT, 28-Feb-1977: Version 0100
0049 1 Kathleen Morse, 20-Oct-1977: Version V0100
0050 1
0051 1 Modified by:
0052 1
0053 1 V03-001 MTR0009      Mike Rhodes      08-Jul-1982
0054 1 Add aliases for 2 operand instructions.
0055 1
0056 1 V0207 CNH0013      Chris Hume      27-Aug-1979      13:30
0057 1 Added double byte OPcode (and aliased OPcode) support.

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58 0058 1 :  
59 0059 1 : V0206 KDM0010 KATHLEEN D. MORSE 06-NOV-1978 15:33  
60 0060 1 : Add new instructions: INSQHI, INSQTI, REMQHI, and REMQTI.  
61 0061 1 : (PATINS.B32 V0206)  
62 0062 1 :  
63 0063 1 : Revision history:  
64 0064 1 :  
65 0065 1 : NO DATE PROGRAMMER PURPOSE  
66 0066 1 : -- ----  
67 0067 1 :  
68 0068 1 : 00 21-OCT-77 K.D. MORSE ADAPT VERSION 8 FOR PATCH.  
69 0069 1 : 01 24-JAN-78 K.D. MORSE NO CHANGES FOR VERS 9.  
70 0070 1 : 02 25-APR-78 K.D. MORSE CONVERT TO NATIVE COMPILER.  
71 0071 1 : 03 25-APR-78 K.D. MORSE ADD ASSEMBLER DIRECTIVES --  
72 0072 1 : .BYTE, .WORD, .LONG.  
73 0073 1 : 04 18-MAY-78 K.D. MORSE NO CHANGES FOR VERS 10.  
74 0074 1 : 05 13-JUN-78 K.D. MORSE ADD FAO COUNTS TO SIGNALS.  
75 0075 1 :  
76 0076 1 : --
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78 0077 1  |
79 0078 1  | INCLUDE FILES:
80 0079 1  |
81 0080 1  |
82 0081 1  | REQUIRE 'SRC$PATPCT.REQ':
83 0121 1  | REQUIRE 'SRC$VAXOPS.REQ':
84 0335 1  |
85 0336 1  |
86 0337 1  | GLOBAL BIND
87 0338 1  | PAT$GB_OPINFO = 0 : OPCODE_TBL;
88 0339 1  |
89 0340 1  | GLOBAL
90 0341 1  | PAT$GB_OPINFO1 : VECTOR [SIZOPINFO1*OPTSIZE,BYTE] INITIAL( BYTE(
91 0342 1  |
92 0343 1  |
93 0344 1  |
94 0345 1  |
95 0346 1  |
96 0347 1  |
97 0348 1  |
98 0349 1  |
99 0350 1  |
100 0351 1  |
101 0352 1  |
102 0353 1  |
103 0354 1  |
104 0355 1  |
105 0356 1  |
106 0357 1  |
107 0358 1  |
108 0359 1  |
109 0360 1  |
110 0361 1  |
111 0362 1  |
112 0363 1  |
113 0364 1  |
114 0365 1  |
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123 0374 1  |
124 0375 1  |
125 0376 1  |
126 0377 1  |
127 0378 1  |
128 0379 1  |
129 0380 1  |
130 0381 1  |
131 0382 1  |
132 0383 1  |
133 0384 1  |
134 0385 1  |

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 ONE LINE DESCRIBES EACH VAX OPCODE. THE FIRST ENTRY  
 IN EACH LINE IS THE ASSEMBLER MNEMONIC, THE SECOND  
 IS THE NUMBER OF OPERANDS THIS INSTRUCTION HAS, AND  
 THE THIRD IS THE ACTUAL OPCODE, IN DECIMAL. NOTE THAT  
 THE OPCODE IS IGNORED BY THE 'OPI' MACRO - IT IS  
 INCLUDED IN THE MACRO CALLS FOR REFERENCE ONLY. THE  
 REASON WHY WE DON'T NEED IT IS BECAUSE THE INDEX INTO  
 THIS TABLE IS THE OPCODE.  
 THE LAST 6 ENTRIES FOR EACH OPCODE GIVE THE 'CONTEXT'  
 FOR EACH OF THE POSSIBLE OPERANDS FOR THIS INSTRUCTION.  
 BY THIS, WE MEAN EFFECTIVELY 'HOW MUCH OF THE BYTE  
 STREAM WOULD BE USED IF THIS OPERAND WERE REFERENCED  
 USING A PC-RELATIVE MODE'. SEE THE HEADER FILE,  
 VAXOPS.REQ FOR HOW THESE FIELDS ARE DEFINED.  
 THE LAST ENTRY IN THIS TABLE BEGINS WITH  
 PAT\$GB\_OPINFO [ MAXOPCODE, OP\_NAME ].

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      OPCODE  OPRNDS  OPC  1 ENTRY FOR EACH OPERAND  BRANCH
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OPI( 'HALT'  , 0, 0, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR ),
OPI( 'NOP'   , 0, 1, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR ),
OPI( 'REI'   , 0, 2, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR ),
OPI( 'BPT'   , 0, 3, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR ),
OPI( 'RET'   , 0, 4, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR ),
OPI( 'RSB'   , 0, 5, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR ),
OPI( 'LDPCTX', 0, 6, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR ),
OPI( 'SVPCTX', 0, 7, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR ),
OPI( 'CVTPS' , 4, 8, WRD, BYT, WRD, BYT, NUL, NUL, NUL, NO_BR ),
OPI( 'CVTSP' , 4, 9, WRD, BYT, WRD, BYT, NUL, NUL, NUL, NO_BR ),
OPI( 'INDEX' , 6, 10, LNG, LNG, LNG, LNG, LNG, LNG, LNG, NO_BR ),
OPI( 'CRC'    , 4, 11, BYT, LNG, WRD, BYT, NUL, NUL, NUL, NO_BR ),
OPI( 'PROBER' , 3, 12, BYT, WRD, BYT, NUL, NUL, NUL, NUL, NO_BR ),
OPI( 'PROBEW' , 3, 13, BYT, WRD, BYT, NUL, NUL, NUL, NUL, NO_BR ),
OPI( 'INSQUE' , 2, 14, BYT, BYT, NUL, NUL, NUL, NUL, NUL, NO_BR ),
OPI( 'REMQUE' , 2, 15, BYT, LNG, NUL, NUL, NUL, NUL, NUL, NO_BR ),
OPI( 'BSBB'   , 1, 16, BYT, NUL, NUL, NUL, NUL, NUL, NUL, BR_BY ),
OPI( 'BRB'    , 1, 17, BYT, NUL, NUL, NUL, NUL, NUL, NUL, BR_BY ),
OPI( 'BNEQ'   , 1, 18, BYT, NUL, NUL, NUL, NUL, NUL, NUL, BR_BY ),
OPI( 'BEQL'   , 1, 19, BYT, NUL, NUL, NUL, NUL, NUL, NUL, BR_BY ),

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135	0386	1	OPI( 'BGTR	1	20	BYT	NUL	NUL	NUL	NUL	NUL	BR_BY )
136	0387	1	OPI( 'BLEQ	1	21	BYT	NUL	NUL	NUL	NUL	NUL	BR_BY )
137	0388	1	OPI( 'JSB	1	22	BYT	NUL	NUL	NUL	NUL	NUL	NO_BR )
138	0389	1	OPI( 'JMP	1	23	BYT	NUL	NUL	NUL	NUL	NUL	NO_BR )
139	0390	1	OPI( 'BGEQ	1	24	BYT	NUL	NUL	NUL	NUL	NUL	BR_BY )
140	0391	1	OPI( 'BLSS	1	25	BYT	NUL	NUL	NUL	NUL	NUL	BR_BY )
141	0392	1	OPI( 'BGTRU	1	26	BYT	NUL	NUL	NUL	NUL	NUL	BR_BY )
142	0393	1	OPI( 'BLEQU	1	27	BYT	NUL	NUL	NUL	NUL	NUL	BR_BY )
143	0394	1	OPI( 'BVC	1	28	BYT	NUL	NUL	NUL	NUL	NUL	BR_BY )
144	0395	1	OPI( 'BVS	1	29	BYT	NUL	NUL	NUL	NUL	NUL	BR_BY )
145	0396	1	OPI( 'BGEQU	1	30	BYT	NUL	NUL	NUL	NUL	NUL	BR_BY )
146	0397	1	OPI( 'BLSSU	1	31	BYT	NUL	NUL	NUL	NUL	NUL	BR_BY )
147	0398	1	OPI( 'ADDP4	4	32	WRD	BYT	WRD	BYT	NUL	NUL	NO_BR )
148	0399	1	OPI( 'ADDP6	6	33	WRD	BYT	WRD	BYT	WRD	BYT	NO_BR )
149	0400	1	OPI( 'SUBP4	4	34	WRD	BYT	WRD	BYT	NUL	NUL	NO_BR )
150	0401	1	OPI( 'SUBP6	6	35	WRD	BYT	WRD	BYT	WRD	BYT	NO_BR )
151	0402	1	OPI( 'CVTPT	4	36	WRD	BYT	WRD	BYT	NUL	NUL	NO_BR )
152	0403	1	OPI( 'MULP	6	37	WRD	BYT	WRD	BYT	WRD	BYT	NO_BR )
153	0404	1	OPI( 'CVTTP	5	38	WRD	BYT	BYT	WRD	BYT	NUL	NO_BR )
154	0405	1	OPI( 'DIVP	6	39	WRD	BYT	WRD	BYT	WRD	BYT	NO_BR )
155	0406	1	OPI( 'MOV3	3	40	WRD	BYT	BYT	NUL	NUL	NUL	NO_BR )
156	0407	1	OPI( 'CMPC3	3	41	WRD	BYT	BYT	NUL	NUL	NUL	NO_BR )
157	0408	1	OPI( 'SCANC	4	42	WRD	BYT	BYT	BYT	NUL	NUL	NO_BR )
158	0409	1	OPI( 'SPANC	4	43	WRD	BYT	BYT	BYT	NUL	NUL	NO_BR )
159	0410	1	OPI( 'MOV5	5	44	WRD	BYT	BYT	WRD	BYT	NUL	NO_BR )
160	0411	1	OPI( 'CMPC5	5	45	WRD	BYT	BYT	WRD	BYT	NUL	NO_BR )
161	0412	1	OPI( 'MOVTC	6	46	WRD	BYT	BYT	BYT	WRD	BYT	NO_BR )
162	0413	1	OPI( 'MOVTUC	6	47	WRD	BYT	BYT	BYT	WRD	BYT	NO_BR )
163	0414	1	OPI( 'BSBW	1	48	WRD	NUL	NUL	NUL	NUL	NUL	BR_WD )
164	0415	1	OPI( 'BRW	1	49	WRD	NUL	NUL	NUL	NUL	NUL	BR_WD )
165	0416	1	OPI( 'CVTWL	2	50	WRD	LNG	NUL	NUL	NUL	NUL	NO_BR )
166	0417	1	OPI( 'CVTWB	2	51	WRD	BYT	NUL	NUL	NUL	NUL	NO_BR )
167	0418	1	OPI( 'MOVP	3	52	WRD	BYT	BYT	NUL	NUL	NUL	NO_BR )
168	0419	1	OPI( 'CMPP3	3	53	WRD	BYT	BYT	NUL	NUL	NUL	NO_BR )
169	0420	1	OPI( 'CVTPL	3	54	WRD	BYT	LNG	NUL	NUL	NUL	NO_BR )
170	0421	1	OPI( 'CMPP4	4	55	WRD	BYT	WRD	BYT	NUL	NUL	NO_BR )
171	0422	1	OPI( 'EDITPC	4	56	WRD	BYT	WRD	BYT	WRD	BYT	NO_BR )
172	0423	1	OPI( 'MATCHC	4	57	WRD	BYT	WRD	BYT	NUL	NUL	NO_BR )
173	0424	1	OPI( 'LOCC	3	58	BYT	WRD	BYT	NUL	NUL	NUL	NO_BR )
174	0425	1	OPI( 'SKPC	3	59	BYT	WRD	BYT	NUL	NUL	NUL	NO_BR )
175	0426	1	OPI( 'MOVZWL	2	60	WRD	LNG	NUL	NUL	NUL	NUL	NO_BR )
176	0427	1	OPI( 'ACBW	4	61	WRD	WRD	WRD	WRD	NUL	NUL	BR_WD )
177	0428	1	OPI( 'MOVAV	2	62	WRD	LNG	NUL	NUL	NUL	NUL	NO_BR )
178	0429	1	OPI( 'PUSHAW	1	63	WRD	NUL	NUL	NUL	NUL	NUL	NO_BR )
179	0430	1	OPI( 'ADDF2	2	64	FLT	FLT	NUL	NUL	NUL	NUL	NO_BR )
180	0431	1	OPI( 'ADDF3	3	65	FLT	FLT	FLT	NUL	NUL	NUL	NO_BR )
181	0432	1	OPI( 'SUBF2	2	66	FLT	FLT	NUL	NUL	NUL	NUL	NO_BR )
182	0433	1	OPI( 'SUBF3	3	67	FLT	FLT	FLT	NUL	NUL	NUL	NO_BR )
183	0434	1	OPI( 'MULF2	2	68	FLT	FLT	NUL	NUL	NUL	NUL	NO_BR )
184	0435	1	OPI( 'MULF3	3	69	FLT	FLT	FLT	NUL	NUL	NUL	NO_BR )
185	0436	1	OPI( 'DIVF2	2	70	FLT	FLT	NUL	NUL	NUL	NUL	NO_BR )
186	0437	1	OPI( 'DIVF3	3	71	FLT	FLT	FLT	NUL	NUL	NUL	NO_BR )
187	0438	1	OPI( 'CVTFB	2	72	FLT	BYT	NUL	NUL	NUL	NUL	NO_BR )
188	0439	1	OPI( 'CVTFW	2	73	FLT	WRD	NUL	NUL	NUL	NUL	NO_BR )
189	0440	1	OPI( 'CVTFL	2	74	FLT	LNG	NUL	NUL	NUL	NUL	NO_BR )
190	0441	1	OPI( 'CVTRFL	2	75	FLT	LNG	NUL	NUL	NUL	NUL	NO_BR )
191	0442	1	OPI( 'CVTBF	2	76	BYT	FLT	NUL	NUL	NUL	NUL	NO_BR )

192	0443	1	OPI( 'CVTWF ' . . .	2.	77.	WRD.	FLT.	NUL.	NUL.	NUL.	NUL.	NO_BR )
193	0444	1	OPI( 'CVTLF ' . . .	2.	78.	LNG.	FLT.	NUL.	NUL.	NUL.	NUL.	NO_BR )
194	0445	1	OPI( 'ACBF ' . . .	4.	79.	FLT.	FLT.	FLT.	WRD.	NUL.	NUL.	BR_WD )
195	0446	1	OPI( 'MOVF ' . . .	2.	80.	FLT.	FLT.	NUL.	NUL.	NUL.	NUL.	NO_BR )
196	0447	1	OPI( 'CMPF ' . . .	2.	81.	FLT.	FLT.	NUL.	NUL.	NUL.	NUL.	NO_BR )
197	0448	1	OPI( 'MNEGF ' . . .	2.	82.	FLT.	FLT.	NUL.	NUL.	NUL.	NUL.	NO_BR )
198	0449	1	OPI( 'TSTF ' . . .	1.	83.	FLT.	NUL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
199	0450	1	OPI( 'EMODF ' . . .	5.	84.	FLT.	BYT.	FLT.	LNG.	FLT.	NUL.	NO_BR )
200	0451	1	OPI( 'POLYF ' . . .	3.	85.	FLT.	WRD.	BYT.	NUL.	NUL.	NUL.	NO_BR )
201	0452	1	OPI( 'CVTFD ' . . .	2.	86.	FLT.	DBL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
202	0453	1	OPI( RESERVED, NOT_AN_OP,	2.	87.	NUL.	NUL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
203	0454	1	OPI( 'ADAWI ' . . .	2.	88.	WRD.	WRD.	NUL.	NUL.	NUL.	NUL.	NO_BR )
204	0455	1	OPI( RESERVED, NOT_AN_OP,	2.	89.	NUL.	NUL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
205	0456	1	OPI( RESERVED, NOT_AN_OP,	2.	90.	NUL.	NUL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
206	0457	1	OPI( RESERVED, NOT_AN_OP,	2.	91.	NUL.	NUL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
207	0458	1	OPI( 'INSQHI ' . . .	2.	92.	LNG.	LNG.	NUL.	NUL.	NUL.	NUL.	NO_BR )
208	0459	1	OPI( 'INSQTI ' . . .	2.	93.	LNG.	LNG.	NUL.	NUL.	NUL.	NUL.	NO_BR )
209	0460	1	OPI( 'REMQHI ' . . .	2.	94.	LNG.	LNG.	NUL.	NUL.	NUL.	NUL.	NO_BR )
210	0461	1	OPI( 'REMQTI ' . . .	2.	95.	LNG.	LNG.	NUL.	NUL.	NUL.	NUL.	NO_BR )
211	0462	1	OPI( 'ADDD2 ' . . .	2.	96.	DBL.	DBL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
212	0463	1	OPI( 'ADDD3 ' . . .	2.	97.	DBL.	DBL.	DBL.	NUL.	NUL.	NUL.	NO_BR )
213	0464	1	OPI( 'SUBD2 ' . . .	2.	98.	DBL.	DBL.	DBL.	NUL.	NUL.	NUL.	NO_BR )
214	0465	1	OPI( 'SUBD3 ' . . .	2.	99.	DBL.	DBL.	DBL.	NUL.	NUL.	NUL.	NO_BR )
215	0466	1	OPI( 'MULD2 ' . . .	2.	100.	DBL.	DBL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
216	0467	1	OPI( 'MULD3 ' . . .	2.	101.	DBL.	DBL.	DBL.	NUL.	NUL.	NUL.	NO_BR )
217	0468	1	OPI( 'DIVD2 ' . . .	2.	102.	DBL.	DBL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
218	0469	1	OPI( 'DIVD3 ' . . .	2.	103.	DBL.	DBL.	DBL.	NUL.	NUL.	NUL.	NO_BR )
219	0470	1	OPI( 'CVTDB ' . . .	2.	104.	DBL.	BYT.	NUL.	NUL.	NUL.	NUL.	NO_BR )
220	0471	1	OPI( 'CVTDW ' . . .	2.	105.	DBL.	WRD.	NUL.	NUL.	NUL.	NUL.	NO_BR )
221	0472	1	OPI( 'CVTDL ' . . .	2.	106.	DBL.	LNG.	NUL.	NUL.	NUL.	NUL.	NO_BR )
222	0473	1	OPI( 'CVTRDL ' . . .	2.	107.	DBL.	LNG.	NUL.	NUL.	NUL.	NUL.	NO_BR )
223	0474	1	OPI( 'CVTBD ' . . .	2.	108.	BYT.	DBL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
224	0475	1	OPI( 'CVTWD ' . . .	2.	109.	WRD.	DBL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
225	0476	1	OPI( 'CVTLD ' . . .	2.	110.	LNG.	DBL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
226	0477	1	OPI( 'ACBD ' . . .	4.	111.	DBL.	DBL.	DBL.	WRD.	NUL.	NUL.	BR_WD )
227	0478	1	OPI( 'MOVD ' . . .	2.	112.	DBL.	DBL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
228	0479	1	OPI( 'CMPD ' . . .	2.	113.	DBL.	DBL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
229	0480	1	OPI( 'MNEGD ' . . .	2.	114.	DBL.	DBL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
230	0481	1	OPI( 'TSTD ' . . .	1.	115.	DBL.	NUL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
231	0482	1	OPI( 'EMODD ' . . .	5.	116.	DBL.	BYT.	DBL.	LNG.	DBL.	NUL.	NO_BR )
232	0483	1	OPI( 'POLYD ' . . .	3.	117.	DBL.	WRD.	BYT.	NUL.	NUL.	NUL.	NO_BR )
233	0484	1	OPI( 'CVTDF ' . . .	2.	118.	DBL.	FLT.	NUL.	NUL.	NUL.	NUL.	NO_BR )
234	0485	1	OPI( RESERVED, NOT_AN_OP,	2.	119.	NUL.	NUL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
235	0486	1	OPI( 'ASHL ' . . .	3.	120.	BYT.	LNG.	LNG.	NUL.	NUL.	NUL.	NO_BR )
236	0487	1	OPI( 'ASHQ ' . . .	3.	121.	BYT.	QAD.	QAD.	NUL.	NUL.	NUL.	NO_BR )
237	0488	1	OPI( 'EMUL ' . . .	4.	122.	LNG.	LN	NG.	QAD.	NUL.	NUL.	NO_BR )
238	0489	1	OPI( 'EDIV ' . . .	4.	123.	LNG.	QA	VG.	LNG.	NUL.	NUL.	NO_BR )
239	0490	1	OPI( 'CLRQ ' . . .	1.	124.	QAD.	NUL.	.JL.	NUL.	NUL.	NUL.	NO_BR )
240	0491	1	OPI( 'MOVQ ' . . .	2.	125.	QAD.	QAD.	NUL.	NUL.	NUL.	NUL.	NO_BR )
241	0492	1	OPI( 'MOVAQ ' . . .	2.	126.	QAD.	LNG.	NUL.	NUL.	NUL.	NUL.	NO_BR )
242	0493	1	OPI( 'PUSHAQ ' . . .	1.	127.	QAD.	NUL.	NUL.	NUL.	NUL.	NUL.	NO_BR )
243	0494	1	OPI( 'ADDB2 ' . . .	2.	128.	BYT.	BYT.	NUL.	NUL.	NUL.	NUL.	NO_BR )
244	0495	1	OPI( 'ADDB3 ' . . .	2.	129.	BYT.	BYT.	BYT.	NUL.	NUL.	NUL.	NO_BR )
245	0496	1	OPI( 'SUBB2 ' . . .	2.	130.	BYT.	BYT.	NUL.	NUL.	NUL.	NUL.	NO_BR )
246	0497	1	OPI( 'SUBB3 ' . . .	2.	131.	BYT.	BYT.	BYT.	NUL.	NUL.	NUL.	NO_BR )
247	0498	1	OPI( 'MULB2 ' . . .	2.	132.	BYT.	BYT.	NUL.	NUL.	NUL.	NUL.	NO_BR )
248	0499	1	OPI( 'MULB3 ' . . .	2.	133.	BYT.	BYT.	BYT.	NUL.	NUL.	NUL.	NO_BR )

249	0500	1	OPI( 'DIVB2	134	BYT	BYT	NUL	NUL	NUL	NUL	NO_BR	)
250	0501	1	OPI( 'DIVB3	135	BYT	BYT	BYT	NUL	NUL	NUL	NO_BR	)
251	0502	1	OPI( 'BISB2	136	BYT	BYT	NUL	NUL	NUL	NUL	NO_BR	)
252	0503	1	OPI( 'BISB3	137	BYT	BYT	BYT	NUL	NUL	NUL	NO_BR	)
253	0504	1	OPI( 'BICB2	138	BYT	BYT	NUL	NUL	NUL	NUL	NO_BR	)
254	0505	1	OPI( 'BICB3	139	BYT	BYT	BYT	NUL	NUL	NUL	NO_BR	)
255	0506	1	OPI( 'XORB2	140	BYT	BYT	NUL	NUL	NUL	NUL	NO_BR	)
256	0507	1	OPI( 'XORB3	141	BYT	BYT	BYT	NUL	NUL	NUL	NO_BR	)
257	0508	1	OPI( 'MNEGB	142	BYT	BYT	NUL	NUL	NUL	NUL	NO_BR	)
258	0509	1	OPI( 'CASEB	143	BYT	BYT	BYT	NUL	NUL	NUL	NO_BR	)
259	0510	1	OPI( 'MOVB	144	BYT	BYT	NUL	NUL	NUL	NUL	NO_BR	)
260	0511	1	OPI( 'CMPB	145	BYT	BYT	NUL	NUL	NUL	NUL	NO_BR	)
261	0512	1	OPI( 'MCOMB	146	BYT	BYT	NUL	NUL	NUL	NUL	NO_BR	)
262	0513	1	OPI( 'BITB	147	BYT	BYT	NUL	NUL	NUL	NUL	NO_BR	)
263	0514	1	OPI( 'CLRB	148	BYT	NUL	NUL	NUL	NUL	NUL	NO_BR	)
264	0515	1	OPI( 'TSTB	149	BYT	NUL	NUL	NUL	NUL	NUL	NO_BR	)
265	0516	1	OPI( 'INCB	150	BYT	NUL	NUL	NUL	NUL	NUL	NO_BR	)
266	0517	1	OPI( 'DECB	151	BYT	NUL	NUL	NUL	NUL	NUL	NO_BR	)
267	0518	1	OPI( 'CVTBL	152	BYT	LNG	NUL	NUL	NUL	NUL	NO_BR	)
268	0519	1	OPI( 'CVTBW	153	BYT	WRD	NUL	NUL	NUL	NUL	NO_BR	)
269	0520	1	OPI( 'MOVZBL	154	BYT	LNG	NUL	NUL	NUL	NUL	NO_BR	)
270	0521	1	OPI( 'MOVZBW	155	BYT	WRD	NUL	NUL	NUL	NUL	NO_BR	)
271	0522	1	OPI( 'ROTL	156	BYT	LNG	LNG	NUL	NUL	NUL	NO_BR	)
272	0523	1	OPI( 'ACBB	157	BYT	BYT	BYT	WRD	NUL	NUL	BR_WD	)
273	0524	1	OPI( 'MOVAB	158	BYT	LNG	NUL	NUL	NUL	NUL	NO_BR	)
274	0525	1	OPI( 'PUSHAB	159	BYT	NUL	NUL	NUL	NUL	NUL	NO_BR	)
275	0526	1	OPI( 'ADDW2	160	WRD	WRD	NUL	NUL	NUL	NUL	NO_BR	)
276	0527	1	OPI( 'ADDW3	161	WRD	WRD	WRD	NUL	NUL	NUL	NO_BR	)
277	0528	1	OPI( 'SUBW2	162	WRD	WRD	NUL	NUL	NUL	NUL	NO_BR	)
278	0529	1	OPI( 'SUBW3	163	WRD	WRD	WRD	NUL	NUL	NUL	NO_BR	)
279	0530	1	OPI( 'MULW2	164	WRD	WRD	NUL	NUL	NUL	NUL	NO_BR	)
280	0531	1	OPI( 'MULW3	165	WRD	WRD	WRD	NUL	NUL	NUL	NO_BR	)
281	0532	1	OPI( 'DIVW2	166	WRD	WRD	NUL	NUL	NUL	NUL	NO_BR	)
282	0533	1	OPI( 'DIVW3	167	WRD	WRD	WRD	NUL	NUL	NUL	NO_BR	)
283	0534	1	OPI( 'BISW2	168	WRD	WRD	NUL	NUL	NUL	NUL	NO_BR	)
284	0535	1	OPI( 'BISW3	169	WRD	WRD	WRD	NUL	NUL	NUL	NO_BR	)
285	0536	1	OPI( 'BICW2	170	WRD	WRD	NUL	NUL	NUL	NUL	NO_BR	)
286	0537	1	OPI( 'BICW3	171	WRD	WRD	WRD	NUL	NUL	NUL	NO_BR	)
287	0538	1	OPI( 'XORW2	172	WRD	WRD	NUL	NUL	NUL	NUL	NO_BR	)
288	0539	1	OPI( 'XORW3	173	WRD	WRD	WRD	NUL	NUL	NUL	NO_BR	)
289	0540	1	OPI( 'MNEGW	174	WRD	WRD	NUL	NUL	NUL	NUL	NO_BR	)
290	0541	1	OPI( 'CASEW	175	WRD	WRD	WRD	NUL	NUL	NUL	NO_BR	)
291	0542	1	OPI( 'MOVW	176	WRD	WRD	NUL	NUL	NUL	NUL	NO_BR	)
292	0543	1	OPI( 'CMPW	177	WRD	WRD	NUL	NUL	NUL	NUL	NO_BR	)
293	0544	1	OPI( 'MCOMW	178	WRD	WRD	NUL	NUL	NUL	NUL	NO_BR	)
294	0545	1	OPI( 'BITW	179	WRD	WRD	NUL	NUL	NUL	NUL	NO_BR	)
295	0546	1	OPI( 'CLRW	180	WRD	NUL	NUL	NUL	NUL	NUL	NO_BR	)
296	0547	1	OPI( 'TSTW	181	WRD	NUL	NUL	NUL	NUL	NUL	NO_BR	)
297	0548	1	OPI( 'INCW	182	WRD	NUL	NUL	NUL	NUL	NUL	NO_BR	)
298	0549	1	OPI( 'DECW	183	WRD	NUL	NUL	NUL	NUL	NUL	NO_BR	)
299	0550	1	OPI( 'BISPSW	184	WRD	NUL	NUL	NUL	NUL	NUL	NO_BR	)
300	0551	1	OPI( 'BICPSW	185	WRD	NUL	NUL	NUL	NUL	NUL	NO_BR	)
301	0552	1	OPI( 'POPR	186	WRD	NUL	NUL	NUL	NUL	NUL	NO_BR	)
302	0553	1	OPI( 'PUSHR	187	WRD	NUL	NUL	NUL	NUL	NUL	NO_BR	)
303	0554	1	OPI( 'CHMK	188	WRD	NUL	NUL	NUL	NUL	NUL	NO_BR	)
304	0555	1	OPI( 'CHME	189	WRD	NUL	NUL	NUL	NUL	NUL	NO_BR	)
305	0556	1	OPI( 'CHMS	190	WRD	NUL	NUL	NUL	NUL	NUL	NO_BR	)



306	0557	1	OPIC	'CHMU	1	191	WRD	NUL	NUL	NUL	NUL	NUL	NUL	NO	BR	)
307	0558	1	OPIC	'ADDL2	2	192	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
308	0559	1	OPIC	'ADDL3	3	193	LNG	LNG	LNG	NUL	NUL	NUL	NUL	NO	BR	)
309	0560	1	OPIC	'SUBL2	2	194	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
310	0561	1	OPIC	'SUBL3	3	195	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
311	0562	1	OPIC	'MULL2	2	196	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
312	0563	1	OPIC	'MULL3	3	197	LNG	LNG	LNG	NUL	NUL	NUL	NUL	NO	BR	)
313	0564	1	OPIC	'DIVL2	2	198	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
314	0565	1	OPIC	'DIVL3	3	199	LNG	LNG	LNG	NUL	NUL	NUL	NUL	NO	BR	)
315	0566	1	OPIC	'BISL2	2	200	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
316	0567	1	OPIC	'BISL3	3	201	LNG	LNG	LNG	NUL	NUL	NUL	NUL	NO	BR	)
317	0568	1	OPIC	'BICL2	2	202	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
318	0569	1	OPIC	'BICL3	3	203	LNG	LNG	LNG	NUL	NUL	NUL	NUL	NO	BR	)
319	0570	1	OPIC	'XORL2	2	204	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
320	0571	1	OPIC	'XORL3	3	205	LNG	LNG	LNG	NUL	NUL	NUL	NUL	NO	BR	)
321	0572	1	OPIC	'MNEGL	2	206	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
322	0573	1	OPIC	'CASEL	3	207	LNG	LNG	LNG	NUL	NUL	NUL	NUL	NO	BR	)
323	0574	1	OPIC	'MOVL	2	208	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
324	0575	1	OPIC	'CMLP	2	209	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
325	0576	1	OPIC	'MCOML	2	210	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
326	0577	1	OPIC	'BITL	2	211	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
327	0578	1	OPIC	'CLRL	1	212	LNG	NUL	NUL	NUL	NUL	NUL	NUL	NO	BR	)
328	0579	1	OPIC	'TSTL	1	213	LNG	NUL	NUL	NUL	NUL	NUL	NUL	NO	BR	)
329	0580	1	OPIC	'INCL	1	214	LNG	NUL	NUL	NUL	NUL	NUL	NUL	NO	BR	)
330	0581	1	OPIC	'DECL	1	215	LNG	NUL	NUL	NUL	NUL	NUL	NUL	NO	BR	)
331	0582	1	OPIC	'ADWC	2	216	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
332	0583	1	OPIC	'SBWC	2	217	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
333	0584	1	OPIC	'MTPR	2	218	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
334	0585	1	OPIC	'MFPR	2	219	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
335	0586	1	OPIC	'MOVPSL	1	220	LNG	NUL	NUL	NUL	NUL	NUL	NUL	NO	BR	)
336	0587	1	OPIC	'PUSHL	1	221	LNG	NUL	NUL	NUL	NUL	NUL	NUL	NO	BR	)
337	0588	1	OPIC	'MOVAL	2	222	LNG	LNG	NUL	NUL	NUL	NUL	NUL	NO	BR	)
338	0589	1	OPIC	'PUSHAL	1	223	LNG	NUL	NUL	NUL	NUL	NUL	NUL	NO	BR	)
339	0590	1	OPIC	'BBS	3	224	LNG	BYT	BYT	NUL	NUL	NUL	NUL	BR	BY	)
340	0591	1	OPIC	'BBC	3	225	LNG	BYT	BYT	NUL	NUL	NUL	NUL	BR	BY	)
341	0592	1	OPIC	'BBSS	3	226	LNG	BYT	BYT	NUL	NUL	NUL	NUL	BR	BY	)
342	0593	1	OPIC	'BBCS	3	227	LNG	BYT	BYT	NUL	NUL	NUL	NUL	BR	BY	)
343	0594	1	OPIC	'BBSC	3	228	LNG	BYT	BYT	NUL	NUL	NUL	NUL	BR	BY	)
344	0595	1	OPIC	'BBCC	3	229	LNG	BYT	BYT	NUL	NUL	NUL	NUL	BR	BY	)
345	0596	1	OPIC	'BBSSI	3	230	LNG	BYT	BYT	NUL	NUL	NUL	NUL	BR	BY	)
346	0597	1	OPIC	'BBCCI	3	231	LNG	BYT	BYT	NUL	NUL	NUL	NUL	BR	BY	)
347	0598	1	OPIC	'BLBS	2	232	LNG	BYT	NUL	NUL	NUL	NUL	NUL	BR	BY	)
348	0599	1	OPIC	'BLBC	2	233	LNG	BYT	NUL	NUL	NUL	NUL	NUL	BR	BY	)
349	0600	1	OPIC	'FFS	4	234	LNG	BYT	BYT	LNG	NUL	NUL	NUL	NO	BR	)
350	0601	1	OPIC	'FFC	4	235	LNG	BYT	BYT	LNG	NUL	NUL	NUL	NO	BR	)
351	0602	1	OPIC	'CMPV	4	236	LNG	BYT	BYT	LNG	NUL	NUL	NUL	NO	BR	)
352	0603	1	OPIC	'CMPZV	4	237	LNG	BYT	BYT	LNG	NUL	NUL	NUL	NO	BR	)
353	0604	1	OPIC	'EXTV	4	238	LNG	BYT	BYT	LNG	NUL	NUL	NUL	NO	BR	)
354	0605	1	OPIC	'EXTZV	4	239	LNG	BYT	BYT	LNG	NUL	NUL	NUL	NO	BR	)
355	0606	1	OPIC	'INSV	4	240	LNG	LNG	BYT	BYT	NUL	NUL	NUL	NO	BR	)
356	0607	1	OPIC	'ACBL	4	241	LNG	LNG	LNG	WRD	NUL	NUL	NUL	BR	WD	)
357	0608	1	OPIC	'AOBLS	3	242	LNG	LNG	BYT	NUL	NUL	NUL	NUL	BR	BY	)
358	0609	1	OPIC	'AOBLEQ	3	243	LNG	LNG	BYT	NUL	NUL	NUL	NUL	BR	BY	)
359	0610	1	OPIC	'SOBGEO	2	244	LNG	BYT	NUL	NUL	NUL	NUL	NUL	BR	BY	)
360	0611	1	OPIC	'SOBGTR	2	245	LNG	BYT	NUL	NUL	NUL	NUL	NUL	BR	BY	)
361	0612	1	OPIC	'CVTLB	2	246	LNG	BYT	NUL	NUL	NUL	NUL	NUL	NO	BR	)
362	0613	1	OPIC	'CVTLW	2	247	LNG	WRD	NUL	NUL	NUL	NUL	NUL	NO	BR	)

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: 363      0614 1      OPI( 'ASHP ' , 6, 248, BYT, WRD, BYT, BYT, WRD, BYT, NO_BR ),
: 364      0615 1      OPI( 'CVTLP ' , 3, 249, LNG, WRD, BYT, NUL, NUL, NUL, NO_BR ),
: 365      0616 1      OPI( 'CALLG ' , 2, 250, BYT, BYT, NUL, NUL, NUL, NUL, NO_BR ),
: 366      0617 1      OPI( 'CALLS ' , 2, 251, LNG, BYT, NUL, NUL, NUL, NUL, NO_BR ),
: 367      0618 1      OPI( 'XFC ' , 0, 252, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR ),
: 368      0619 1      OPI( RESERVED, NOT_AN_OP, 253, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR ), ! Escape to double byte OPco
: 369      0620 1      OPI( RESERVED, NOT_AN_OP, 254, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR ), ! RESERVED TO DEC.
: 370      0621 1      OPI( RESERVED, NOT_AN_OP, 255, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR ), ! RESERVED TO DEC.
: 371      0622 1      OPI( '.BYTE ' , ASM_DIR_OP, 0, NUL, NUL, NUL, NUL, NUL, NUL, BR_BY),
: 372      0623 1      OPI( '.WORD ' , ASM_DIR_OP, 0, NUL, NUL, NUL, NUL, NUL, NUL, BR_WD),
: 373      0624 2      OPI( '.LONG ' , ASM_DIR_OP, 0, NUL, NUL, NUL, NUL, NUL, NUL, BR_LG)
: 374      0625 2
: 375      0626 1      ) ) ;
: 376      0627 1
: 377      0628 1
: 378      0629 1 ! REMEMBER TO ALTER 'MAXOPCODE' IN VAXOPS.REQ IF THE
: 379      0630 1 ! NUMBER OF ENTRIES IN THIS TABLE IS CHANGED. 'MAXOPCODE'
: 380      0631 1 ! SHOULD BE THE SAME AS THE HIGHEST OPCODE THAT IS VALID.
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382 0632 1
383 0633 1
384 0634 1
385 0635 1
386 0636 1
387 0637 1
388 0638 1
389 0639 1
390 0640 1
391 0641 1
392 0642 1
393 0643 1
394 0644 1
395 0645 1
396 0646 1
397 0647 1
398 0648 1
399 0649 1
400 0650 1
401 0651 1
402 0652 1
403 0653 1
404 0654 1
405 0655 1
406 0656 1
407 0657 1
408 0658 1
409 0659 1
410 0660 1
411 0661 1
412 0662 1
413 0663 1
414 0664 1
415 0665 1
416 0666 1
417 0667 1
418 0668 1
419 0669 1
420 0670 1
421 0671 1
422 0672 1
423 0673 1
424 0674 1
425 0675 1
426 0676 1
427 0677 1
428 0678 1
429 0679 1
430 0680 1
431 0681 1
432 0682 1
433 0683 1
434 0684 1
435 0685 1
436 0686 1
437 0687 1
438 0688 1

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This table is the 2 byte opcode table. It is organized the same
as the one byte table. Note that the first byte of the opcode
is not present. This means that the code that accesses this table
must strip off the 'X'FD' of the opcode, and use the remainder to
access this table.

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GLOBAL PAT$GB OPINFO2 : VECTOR[SIZEOPINFO2*OPTSIZE, BYTE] INITIAL ( BYTE(
  OPI( RESERVED, NOT_AN_OP, 0, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 1, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 2, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 3, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 4, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 5, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 6, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 7, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 8, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 9, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 10, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 11, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 12, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 13, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 14, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 15, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 16, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 17, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 18, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 19, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 20, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 21, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 22, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 23, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 24, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 25, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 26, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 27, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 28, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 29, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 30, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 31, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 32, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 33, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 34, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 35, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 36, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 37, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 38, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 39, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 40, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 41, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 42, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 43, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 44, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 45, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 46, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 47, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
  OPI( RESERVED, NOT_AN_OP, 48, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),

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439	0689	1	OPI( RESERVED, NOT_AN_OP, 49, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
440	0690	1	OPI( 'CVTDH', 2, 50, DBL, HUG, NUL, NUL, NUL, NUL, NUL, NO_BR),
441	0691	1	OPI( 'CVTGF', 2, 51, GRN, FLT, NUL, NUL, NUL, NUL, NUL, NO_BR),
442	0692	1	OPI( RESERVED, NOT_AN_OP, 52, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
443	0693	1	OPI( RESERVED, NOT_AN_OP, 53, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
444	0694	1	OPI( RESERVED, NOT_AN_OP, 54, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
445	0695	1	OPI( RESERVED, NOT_AN_OP, 55, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
446	0696	1	OPI( RESERVED, NOT_AN_OP, 56, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
447	0697	1	OPI( RESERVED, NOT_AN_OP, 57, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
448	0698	1	OPI( RESERVED, NOT_AN_OP, 58, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
449	0699	1	OPI( RESERVED, NOT_AN_OP, 59, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
450	0700	1	OPI( RESERVED, NOT_AN_OP, 60, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
451	0701	1	OPI( RESERVED, NOT_AN_OP, 61, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
452	0702	1	OPI( RESERVED, NOT_AN_OP, 62, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
453	0703	1	OPI( RESERVED, NOT_AN_OP, 63, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
454	0704	1	OPI( 'ADDG2', 2, 64, GRN, GRN, NUL, NUL, NUL, NUL, NUL, NO_BR),
455	0705	1	OPI( 'ADDG3', 3, 65, GRN, GRN, GRN, NUL, NUL, NUL, NUL, NO_BR),
456	0706	1	OPI( 'SUBG2', 2, 66, GRN, GRN, NUL, NUL, NUL, NUL, NUL, NO_BR),
457	0707	1	OPI( 'SUBG3', 3, 67, GRN, GRN, GRN, NUL, NUL, NUL, NUL, NO_BR),
458	0708	1	OPI( 'MULG2', 2, 68, GRN, GRN, NUL, NUL, NUL, NUL, NUL, NO_BR),
459	0709	1	OPI( 'MULG3', 3, 69, GRN, GRN, GRN, NUL, NUL, NUL, NUL, NO_BR),
460	0710	1	OPI( 'DIVG2', 2, 70, GRN, GRN, NUL, NUL, NUL, NUL, NUL, NO_BR),
461	0711	1	OPI( 'DIVG3', 3, 71, GRN, GRN, GRN, NUL, NUL, NUL, NUL, NO_BR),
462	0712	1	OPI( 'CVTGB', 2, 72, GRN, BYT, NUL, NUL, NUL, NUL, NUL, NO_BR),
463	0713	1	OPI( 'CVTGW', 2, 73, GRN, WRD, NUL, NUL, NUL, NUL, NUL, NO_BR),
464	0714	1	OPI( 'CVTGL', 2, 74, GRN, LNG, NUL, NUL, NUL, NUL, NUL, NO_BR),
465	0715	1	OPI( 'CVTRGL', 2, 75, GRN, LNG, NUL, NUL, NUL, NUL, NUL, NO_BR),
466	0716	1	OPI( 'CVTBG', 2, 76, BYT, GRN, NUL, NUL, NUL, NUL, NUL, NO_BR),
467	0717	1	OPI( 'CVTWG', 2, 77, WRD, GRN, NUL, NUL, NUL, NUL, NUL, NO_BR),
468	0718	1	OPI( 'CVTLG', 2, 78, LNG, GRN, NUL, NUL, NUL, NUL, NUL, NO_BR),
469	0719	1	OPI( 'ACBG', 4, 79, GRN, GRN, GRN, WRD, NUL, NUL, BR_WD),
470	0720	1	OPI( 'MOVG', 2, 80, GRN, GRN, NUL, NUL, NUL, NUL, NUL, NO_BR),
471	0721	1	OPI( 'CMPG', 2, 81, GRN, GRN, NUL, NUL, NUL, NUL, NUL, NO_BR),
472	0722	1	OPI( 'MNEGG', 2, 82, GRN, GRN, NUL, NUL, NUL, NUL, NUL, NO_BR),
473	0723	1	OPI( 'TSTG', 1, 83, GRN, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
474	0724	1	OPI( 'EMODG', 5, 84, GRN, WRD, GRN, LNG, GRN, NUL, NO_BR),
475	0725	1	OPI( 'POLYG', 3, 85, GRN, WRD, BYT, NUL, NUL, NUL, NO_BR),
476	0726	1	OPI( 'CVTGH', 2, 86, GRN, HUG, NUL, NUL, NUL, NUL, NUL, NO_BR),
477	0727	1	OPI( RESERVED, NOT_AN_OP, 87, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
478	0728	1	OPI( RESERVED, NOT_AN_OP, 88, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
479	0729	1	OPI( RESERVED, NOT_AN_OP, 89, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
480	0730	1	OPI( RESERVED, NOT_AN_OP, 90, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
481	0731	1	OPI( RESERVED, NOT_AN_OP, 91, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
482	0732	1	OPI( RESERVED, NOT_AN_OP, 92, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
483	0733	1	OPI( RESERVED, NOT_AN_OP, 93, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
484	0734	1	OPI( RESERVED, NOT_AN_OP, 94, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
485	0735	1	OPI( RESERVED, NOT_AN_OP, 95, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
486	0736	1	OPI( 'ADDH2', 2, 96, HUG, HUG, NUL, NUL, NUL, NUL, NUL, NO_BR),
487	0737	1	OPI( 'ADDH3', 3, 97, HUG, HUG, HUG, NUL, NUL, NUL, NUL, NO_BR),
488	0738	1	OPI( 'SUBH2', 2, 98, HUG, HUG, NUL, NUL, NUL, NUL, NUL, NO_BR),
489	0739	1	OPI( 'SUBH3', 3, 99, HUG, HUG, HUG, NUL, NUL, NUL, NUL, NO_BR),
490	0740	1	OPI( 'MULH2', 2, 100, HUG, HUG, NUL, NUL, NUL, NUL, NUL, NO_BR),
491	0741	1	OPI( 'MULH3', 3, 101, HUG, HUG, HUG, NUL, NUL, NUL, NUL, NO_BR),
492	0742	1	OPI( 'DIVH2', 2, 102, HUG, HUG, NUL, NUL, NUL, NUL, NUL, NO_BR),
493	0743	1	OPI( 'DIVH3', 3, 103, HUG, HUG, HUG, NUL, NUL, NUL, NUL, NO_BR),
494	0744	1	OPI( 'CVTHB', 2, 104, HUG, BYT, NUL, NUL, NUL, NUL, NUL, NO_BR),
495	0745	1	OPI( 'CVTHW', 2, 105, HUG, WRD, NUL, NUL, NUL, NUL, NUL, NO_BR),

496	0746	1	OPI( 'CVTHL' . . . 2. 106. HUG. LNG. NUL. NUL. NUL. NUL. NO_BR),
497	0747	1	OPI( 'CVTRHL' . . . 2. 107. HUG. LNG. NUL. NUL. NUL. NUL. NO_BR),
498	0748	1	OPI( 'CVTBH' . . . 2. 108. BYT. HUG. NUL. NUL. NUL. NUL. NO_BR),
499	0749	1	OPI( 'CVTWH' . . . 2. 109. WRD. HUG. NUL. NUL. NUL. NUL. NO_BR),
500	0750	1	OPI( 'CVTLH' . . . 2. 110. LNG. HUG. NUL. NUL. NUL. NUL. NO_BR),
501	0751	1	OPI( 'ACBH' . . . 4. 111. HUG. HUG. HUG. WRD. NUL. NUL. BR_WD),
502	0752	1	OPI( 'MOVH' . . . 2. 112. HUG. HUG. NUL. NUL. NUL. NUL. NO_BR),
503	0753	1	OPI( 'CMPH' . . . 2. 113. HUG. HUG. NUL. NUL. NUL. NUL. NO_BR),
504	0754	1	OPI( 'MNEGH' . . . 2. 114. HUG. HUG. NUL. NUL. NUL. NUL. NO_BR),
505	0755	1	OPI( 'TSTH' . . . 1. 115. HUG. NUL. NUL. NUL. NUL. NUL. NO_BR),
506	0756	1	OPI( 'EMODH' . . . 5. 116. HUG. WRD. HUG. LNG. HUG. NUL. NO_BR),
507	0757	1	OPI( 'POLYH' . . . 3. 117. HUG. WRD. BYT. NUL. NUL. NUL. NO_BR),
508	0758	1	OPI( 'CVTHG' . . . 2. 118. HUG. GRN. NUL. NUL. NUL. NUL. NO_BR),
509	0759	1	OPI( RESERVED. NOT_AN_OP. 119. NUL. NUL. NUL. NUL. NUL. NO_BR),
510	0760	1	OPI( RESERVED. NOT_AN_OP. 120. NUL. NUL. NUL. NUL. NUL. NO_BR),
511	0761	1	OPI( RESERVED. NOT_AN_OP. 121. NUL. NUL. NUL. NUL. NUL. NO_BR),
512	0762	1	OPI( RESERVED. NOT_AN_OP. 122. NUL. NUL. NUL. NUL. NUL. NO_BR),
513	0763	1	OPI( RESERVED. NOT_AN_OP. 123. NUL. NUL. NUL. NUL. NUL. NO_BR),
514	0764	1	OPI( 'CLRO' . . . 1. 124. OCT. NUL. NUL. NUL. NUL. NO_BR),
515	0765	1	OPI( 'MOVO' . . . 2. 125. OCT. OCT. NUL. NUL. NUL. NUL. NO_BR),
516	0766	1	OPI( 'MOVAO' . . . 2. 126. OCT. LNG. NUL. NUL. NUL. NUL. NO_BR),
517	0767	1	OPI( 'PUSHAO' . . . 1. 127. OCT. NUL. NUL. NUL. NUL. NO_BR),
518	0768	1	OPI( RESERVED. NOT_AN_OP. 128. NUL. NUL. NUL. NUL. NUL. NO_BR),
519	0769	1	OPI( RESERVED. NOT_AN_OP. 129. NUL. NUL. NUL. NUL. NUL. NO_BR),
520	0770	1	OPI( RESERVED. NOT_AN_OP. 130. NUL. NUL. NUL. NUL. NUL. NO_BR),
521	0771	1	OPI( RESERVED. NOT_AN_OP. 131. NUL. NUL. NUL. NUL. NUL. NO_BR),
522	0772	1	OPI( RESERVED. NOT_AN_OP. 132. NUL. NUL. NUL. NUL. NUL. NO_BR),
523	0773	1	OPI( RESERVED. NOT_AN_OP. 133. NUL. NUL. NUL. NUL. NUL. NO_BR),
524	0774	1	OPI( RESERVED. NOT_AN_OP. 134. NUL. NUL. NUL. NUL. NUL. NO_BR),
525	0775	1	OPI( RESERVED. NOT_AN_OP. 135. NUL. NUL. NUL. NUL. NUL. NO_BR),
526	0776	1	OPI( RESERVED. NOT_AN_OP. 136. NUL. NUL. NUL. NUL. NUL. NO_BR),
527	0777	1	OPI( RESERVED. NOT_AN_OP. 137. NUL. NUL. NUL. NUL. NUL. NO_BR),
528	0778	1	OPI( RESERVED. NOT_AN_OP. 138. NUL. NUL. NUL. NUL. NUL. NO_BR),
529	0779	1	OPI( RESERVED. NOT_AN_OP. 139. NUL. NUL. NUL. NUL. NUL. NO_BR),
530	0780	1	OPI( RESERVED. NOT_AN_OP. 140. NUL. NUL. NUL. NUL. NUL. NO_BR),
531	0781	1	OPI( RESERVED. NOT_AN_OP. 141. NUL. NUL. NUL. NUL. NUL. NO_BR),
532	0782	1	OPI( RESERVED. NOT_AN_OP. 142. NUL. NUL. NUL. NUL. NUL. NO_BR),
533	0783	1	OPI( RESERVED. NOT_AN_OP. 143. NUL. NUL. NUL. NUL. NUL. NO_BR),
534	0784	1	OPI( RESERVED. NOT_AN_OP. 144. NUL. NUL. NUL. NUL. NUL. NO_BR),
535	0785	1	OPI( RESERVED. NOT_AN_OP. 145. NUL. NUL. NUL. NUL. NUL. NO_BR),
536	0786	1	OPI( RESERVED. NOT_AN_OP. 146. NUL. NUL. NUL. NUL. NUL. NO_BR),
537	0787	1	OPI( RESERVED. NOT_AN_OP. 147. NUL. NUL. NUL. NUL. NUL. NO_BR),
538	0788	1	OPI( RESERVED. NOT_AN_OP. 148. NUL. NUL. NUL. NUL. NUL. NO_BR),
539	0789	1	OPI( RESERVED. NOT_AN_OP. 149. NUL. NUL. NUL. NUL. NUL. NO_BR),
540	0790	1	OPI( RESERVED. NOT_AN_OP. 150. NUL. NUL. NUL. NUL. NUL. NO_BR),
541	0791	1	OPI( RESERVED. NOT_AN_OP. 151. NUL. NUL. NUL. NUL. NUL. NO_BR),
542	0792	1	OPI( 'CVTFH' . . . 2. 152. FLT. HUG. NUL. NUL. NUL. NUL. NO_BR),
543	0793	1	OPI( 'CVTFG' . . . 2. 153. FLT. GRN. NUL. NUL. NUL. NUL. NO_BR),
544	0794	1	OPI( RESERVED. NOT_AN_OP. 154. NUL. NUL. NUL. NUL. NUL. NO_BR),
545	0795	1	OPI( RESERVED. NOT_AN_OP. 155. NUL. NUL. NUL. NUL. NUL. NO_BR),
546	0796	1	OPI( RESERVED. NOT_AN_OP. 156. NUL. NUL. NUL. NUL. NUL. NO_BR),
547	0797	1	OPI( RESERVED. NOT_AN_OP. 157. NUL. NUL. NUL. NUL. NUL. NO_BR),
548	0798	1	OPI( RESERVED. NOT_AN_OP. 158. NUL. NUL. NUL. NUL. NUL. NO_BR),
549	0799	1	OPI( RESERVED. NOT_AN_OP. 159. NUL. NUL. NUL. NUL. NUL. NO_BR),
550	0800	1	OPI( RESERVED. NOT_AN_OP. 160. NUL. NUL. NUL. NUL. NUL. NO_BR),
551	0801	1	OPI( RESERVED. NOT_AN_OP. 161. NUL. NUL. NUL. NUL. NUL. NO_BR),
552	0802	1	OPI( RESERVED. NOT_AN_OP. 162. NUL. NUL. NUL. NUL. NUL. NO_BR),



610	0860	1	OPI( RESERVED, NOT_AN_OP, 220, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
611	0861	1	OPI( RESERVED, NOT_AN_OP, 221, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
612	0862	1	OPI( RESERVED, NOT_AN_OP, 222, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
613	0863	1	OPI( RESERVED, NOT_AN_OP, 223, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
614	0864	1	OPI( RESERVED, NOT_AN_OP, 224, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
615	0865	1	OPI( RESERVED, NOT_AN_OP, 225, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
616	0866	1	OPI( RESERVED, NOT_AN_OP, 226, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
617	0867	1	OPI( RESERVED, NOT_AN_OP, 227, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
618	0868	1	OPI( RESERVED, NOT_AN_OP, 228, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
619	0869	1	OPI( RESERVED, NOT_AN_OP, 229, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
620	0870	1	OPI( RESERVED, NOT_AN_OP, 230, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
621	0871	1	OPI( RESERVED, NOT_AN_OP, 232, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
622	0872	1	OPI( RESERVED, NOT_AN_OP, 233, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
623	0873	1	OPI( RESERVED, NOT_AN_OP, 234, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
624	0874	1	OPI( RESERVED, NOT_AN_OP, 235, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
625	0875	1	OPI( RESERVED, NOT_AN_OP, 236, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
626	0876	1	OPI( RESERVED, NOT_AN_OP, 237, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
627	0877	1	OPI( RESERVED, NOT_AN_OP, 238, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
628	0878	1	OPI( RESERVED, NOT_AN_OP, 239, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
629	0879	1	OPI( RESERVED, NOT_AN_OP, 240, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
630	0880	1	OPI( RESERVED, NOT_AN_OP, 241, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
631	0881	1	OPI( RESERVED, NOT_AN_OP, 242, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
632	0882	1	OPI( RESERVED, NOT_AN_OP, 243, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
633	0883	1	OPI( RESERVED, NOT_AN_OP, 244, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
634	0884	1	OPI( RESERVED, NOT_AN_OP, 245, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
635	0885	1	OPI( 'CVTHF ', 2, 246, HUG, FLT, NUL, NUL, NUL, NUL, NO_BR),
636	0886	1	OPI( 'CVTHD ', 2, 247, HUG, DBL, NUL, NUL, NUL, NUL, NO_BR),
637	0887	1	OPI( RESERVED, NOT_AN_OP, 248, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
638	0888	1	OPI( RESERVED, NOT_AN_OP, 249, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
639	0889	1	OPI( RESERVED, NOT_AN_OP, 250, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
640	0890	1	OPI( RESERVED, NOT_AN_OP, 251, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
641	0891	1	OPI( RESERVED, NOT_AN_OP, 252, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
642	0892	1	OPI( RESERVED, NOT_AN_OP, 253, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
643	0893	1	OPI( RESERVED, NOT_AN_OP, 254, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
644	0894	2	OPI( RESERVED, NOT_AN_OP, 255, NUL, NUL, NUL, NUL, NUL, NUL, NUL, NO_BR),
645	0895	1	) ;

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647 0896 1 |
648 0897 1 | The following is the OPcode alias table. The entries are aliases for the
649 0898 1 | OPcodes in the main tables above. Each entry points to the OPcode for
650 0899 1 | which it is an alias.
651 0900 1 |
652 0901 1 | GLOBAL PAT$GB ALIAS : VECTOR[SIZEALIAS*ALTSIZE,BYTE] INITIAL ( BYTE(
653 0902 1 | ALI( 'BNEQU ' 'ZX'12' )
654 0903 1 | ALI( 'BEQLU ' 'ZX'13' )
655 0904 1 | ALI( 'BCC ' 'ZX'1E' )
656 0905 1 | ALI( 'BCS ' 'ZX'1F' )
657 0906 1 | ALI( 'ADDF ' 'ZX'40' )
658 0907 1 | ALI( 'SUBF ' 'ZX'42' )
659 0908 1 | ALI( 'MULF ' 'ZX'44' )
660 0909 1 | ALI( 'DIVF ' 'ZX'46' )
661 0910 1 | ALI( 'ADDD ' 'ZX'60' )
662 0911 1 | ALI( 'SUBD ' 'ZX'62' )
663 0912 1 | ALI( 'MULD ' 'ZX'64' )
664 0913 1 | ALI( 'DIVD ' 'ZX'66' )
665 0914 1 | ALI( 'CLRD ' 'ZX'7C' )
666 0915 1 | ALI( 'CLRG ' 'ZX'7C' )
667 0916 1 | ALI( 'MOVAD ' 'ZX'7E' )
668 0917 1 | ALI( 'MOVAG ' 'ZX'7E' )
669 0918 1 | ALI( 'PUSHAD ' 'ZX'7F' )
670 0919 1 | ALI( 'PUSHAG ' 'ZX'7F' )
671 0920 1 | ALI( 'ADDB ' 'ZX'80' )
672 0921 1 | ALI( 'SUBB ' 'ZX'82' )
673 0922 1 | ALI( 'MULB ' 'ZX'84' )
674 0923 1 | ALI( 'DIVB ' 'ZX'86' )
675 0924 1 | ALI( 'BISB ' 'ZX'88' )
676 0925 1 | ALI( 'BICB ' 'ZX'8A' )
677 0926 1 | ALI( 'XORB ' 'ZX'8C' )
678 0927 1 | ALI( 'ADDW ' 'ZX'A0' )
679 0928 1 | ALI( 'SUBW ' 'ZX'A2' )
680 0929 1 | ALI( 'MULW ' 'ZX'A4' )
681 0930 1 | ALI( 'DIVW ' 'ZX'A6' )
682 0931 1 | ALI( 'BISW ' 'ZX'A8' )
683 0932 1 | ALI( 'BICW ' 'ZX'AA' )
684 0933 1 | ALI( 'XORW ' 'ZX'AC' )
685 0934 1 | ALI( 'ADDL ' 'ZX'CO' )
686 0935 1 | ALI( 'SUBL ' 'ZX'C2' )
687 0936 1 | ALI( 'MULL ' 'ZX'C4' )
688 0937 1 | ALI( 'DIVL ' 'ZX'C6' )
689 0938 1 | ALI( 'BISL ' 'ZX'C8' )
690 0939 1 | ALI( 'BICL ' 'ZX'CA' )
691 0940 1 | ALI( 'XORL ' 'ZX'CC' )
692 0941 1 | ALI( 'CLRF ' 'ZX'D4' )
693 0942 1 | ALI( 'MOVAF ' 'ZX'DE' )
694 0943 1 | ALI( 'PUSHAF ' 'ZX'DF' )
695 0944 1 | ALI( 'ADDG ' 'ZX'40FD' )
696 0945 1 | ALI( 'SUBG ' 'ZX'42FD' )
697 0946 1 | ALI( 'MULG ' 'ZX'44FD' )
698 0947 1 | ALI( 'DIVG ' 'ZX'46FD' )
699 0948 1 | ALI( 'ADDH ' 'ZX'60FD' )
700 0949 1 | ALI( 'SUBH ' 'ZX'62FD' )
701 0950 1 | ALI( 'MULH ' 'ZX'64FD' )
702 0951 1 | ALI( 'DIVH ' 'ZX'66FD' )
703 0952 1 | ALI( 'CLRH ' 'ZX'7CFD' )

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: 704      0953 1      ALI( 'MOVAH ', %X'7EFD'),
: 705      0954 1      ALI( 'PUSHAH', %X'7FFD')
: 706      0955 1      ) );
: 707      0956 1
: 708      0957 1 END
: 709      0958 0 ELUDOM
    
```

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.TITLE PATINS
.IDENT \V04-000\
.PSECT _PAT$GLOBAL,NOEXE,2
    
```

```

7D 00 32 34 00000 PAT$GB_OPINFO1:
00 00 00 00 00004 .RAD50 \HALT \
00 00 59 E8 00008 .BYTE 0, 0, 0, 0
00 00 00 00 0000C .RAD50 \NOP \
00 00 71 51 00010 .BYTE 0, 0, 0, 0
00 00 00 00 00014 .RAD50 \REI \
00 00 0F 14 00018 .BYTE 0, 0, 0, 0
00 00 00 00 0001C .RAD50 \BPT \
00 00 71 5C 00020 .BYTE 0, 0, 0, 0
00 00 00 00 00024 .RAD50 \RET \
00 00 73 7A 00028 .BYTE 0, 0, 0, 0
00 00 00 00 0002C .RAD50 \RSB \
15 F8 48 B0 00030 .BYTE 0, 0, 0, 0
00 00 00 00 00034 .RAD50 \LDPCTX \
15 F8 7A 40 00038 .BYTE 0, 0, 0, 0
00 00 00 00 0003C .RAD50 \SVPCTX \
66 F8 16 44 00040 .BYTE 0, 0, 0, 0
00 00 10 14 00044 .RAD50 \CVTSP \
79 40 16 44 00048 .BYTE 20, 16, 0, 0
00 00 10 14 0004C .RAD50 \CVTSP \
23 00 3A 74 00050 .BYTE 20, 16, 0, 0
02 22 22 26 00054 .RAD50 \INDEX \
00 00 15 93 00058 .BYTE 38, 34, 34, 2
00 00 12 04 0005C .RAD50 \CRC \
0D 5A 66 DF 00060 .BYTE 4, 18, 0, 0
00 00 01 03 00064 .RAD50 \PROBER \
0D 5F 66 DF 00068 .BYTE 3, 1, 0, 0
00 00 01 03 0006C .RAD50 \PROBEW \
6D 8D 3A 83 00070 .BYTE 3, 1, 0, 0
00 00 00 02 00074 .RAD50 \INSQUE \
6D 8D 71 55 00078 .BYTE 2, 0, 0, 0
00 00 02 02 0007C .RAD50 \REMQUE \
0C 80 0F 7A 00080 .BYTE 2, 2, 0, 0
10 00 00 01 00084 .RAD50 \BSB \
00 00 0F 52 00088 .BYTE 1, 0, 0, 16
10 00 00 01 0008C .RAD50 \BRB \
6A 40 0E B5 00090 .BYTE 1, 0, 0, 16
10 00 00 01 00094 .RAD50 \BNEQ \
4B 00 0D 59 00098 .BYTE 1, 0, 0, 16
10 00 00 01 0009C .RAD50 \BEQL \
70 80 0D AC 000A0 .BYTE 1, 0, 0, 16
10 00 00 01 000A4 .RAD50 \BGTR \
6A 40 0E 65 000A8 .BYTE 1, 0, 0, 16
000AB .RAD50 \BLEQ \
    
```

.....

10	00	00	01	000AC	.BYTE	1, 0, 0, 16
00	00	41	7A	000B0	.RAD50	\JSB \
00	00	00	01	000B4	.BYTE	1, 0, 0, 0
00	00	40	98	000B8	.RAD50	\JMP \
00	00	00	01	000BC	.BYTE	1, 0, 0, 0
6A	40	0D	9D	000C0	.RAD50	\BGEQ \
10	00	00	01	000C4	.BYTE	1, 0, 0, 16
76	C0	0E	73	000C8	.RAD50	\BLSS \
10	00	00	01	000CC	.BYTE	1, 0, 0, 16
73	C8	0D	AC	000D0	.RAD50	\BGTU \
10	00	00	01	000D4	.BYTE	1, 0, 0, 16
6D	88	0E	65	000D8	.RAD50	\BLEQU \
10	00	00	01	000DC	.BYTE	1, 0, 0, 16
00	00	0F	F3	000E0	.RAD50	\BVC \
10	00	00	01	000E4	.BYTE	1, 0, 0, 16
00	00	10	03	000E8	.RAD50	\BVS \
10	00	00	01	000EC	.BYTE	1, 0, 0, 16
6D	88	0D	9D	000F0	.RAD50	\BGEQU \
10	00	00	01	000F4	.BYTE	1, 0, 0, 16
7A	08	0E	73	000F8	.RAD50	\BLSSU \
10	00	00	01	000FC	.BYTE	1, 0, 0, 16
69	50	06	E4	00100	.RAD50	\ADDP4 \
00	00	10	14	00104	.BYTE	20, 16, 0, 0
69	A0	06	E4	00108	.RAD50	\ADDP6 \
00	10	10	16	0010C	.BYTE	22, 16, 16, 0
69	50	7A	0A	00110	.RAD50	\SUBP4 \
00	00	10	14	00114	.BYTE	20, 16, 0, 0
69	A0	7A	0A	00118	.RAD50	\SUBP6 \
00	10	10	16	0011C	.BYTE	22, 16, 16, 0
67	20	16	44	00120	.RAD50	\CVTPT \
00	00	10	14	00124	.BYTE	20, 16, 0, 0
64	00	54	94	00128	.RAD50	\MULP \
00	10	10	16	0012C	.BYTE	22, 16, 16, 0
7F	80	16	44	00130	.RAD50	\CVTTP \
00	01	00	15	00134	.BYTE	21, 0, 1, 0
64	00	1A	7E	00138	.RAD50	\DIVP \
00	10	10	16	0013C	.BYTE	22, 16, 16, 0
17	E8	53	AE	00140	.RAD50	\MOV3 \
00	00	00	13	00144	.BYTE	19, 0, 0, 0
17	E8	14	D8	00148	.RAD50	\CMP3 \
00	00	00	13	0014C	.BYTE	19, 0, 0, 0
57	F8	77	39	00150	.RAD50	\SCANC \
00	00	00	14	00154	.BYTE	20, 0, 0, 0
57	F8	79	41	00158	.RAD50	\SPANC \
00	00	00	14	0015C	.BYTE	20, 0, 0, 0
18	38	53	AE	00160	.RAD50	\MOV5 \
00	01	00	15	00164	.BYTE	21, 0, 1, 0
18	38	14	D8	00168	.RAD50	\CMP5 \
00	01	00	15	0016C	.BYTE	21, 0, 1, 0
7D	78	53	AE	00170	.RAD50	\MOVTC \
00	10	00	16	00174	.BYTE	22, 0, 16, 0
80	4B	53	AE	00178	.RAD50	\MOVTC \
00	10	00	16	0017C	.BYTE	22, 0, 16, 0
8F	C0	0F	7A	00180	.RAD50	\BSBW \
20	00	00	11	00184	.BYTE	17, 0, 0, 32
00	00	0F	67	00188	.RAD50	\BRW \
20	00	00	11	0018C	.BYTE	17, 0, 0, 32

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91	A0	16	44	00190	.RAD50	\CVTWL \	:
00	00	02	12	00194	.BYTE	18, 2, 0, 0	:
90	10	16	44	00198	.RAD50	\CVTWB \	:
00	00	00	12	0019C	.BYTE	18, 0, 0, 0	:
64	00	53	AE	001A0	.RAD50	\MOV P \	:
00	00	00	13	001A4	.BYTE	19, 0, 0, 0	:
69	28	14	D8	001A8	.RAD50	\CMP P3 \	:
00	00	00	13	001AC	.BYTE	19, 0, 0, 0	:
65	E0	16	44	001B0	.RAD50	\CVTPL \	:
00	00	20	13	001B4	.BYTE	19, 32, 0, 0	:
69	50	14	D8	001B8	.RAD50	\CMP P4 \	:
00	00	10	14	001BC	.BYTE	20, 16, 0, 0	:
7F	83	1F	E9	001C0	.RAD50	\EDIT P C \	:
00	10	10	14	001C4	.BYTE	20, 16, 16, 0	:
14	03	51	7C	001C8	.RAD50	\MATCH C \	:
00	00	10	14	001CC	.BYTE	20, 16, 0, 0	:
12	C0	4D	5B	001D0	.RAD50	\LOCC \	:
00	00	01	03	001D4	.BYTE	3, 1, 0, 0	:
12	C0	78	88	001D8	.RAD50	\SKP C \	:
00	00	01	03	001DC	.BYTE	3, 1, 0, 0	:
A6	24	53	AE	001E0	.RAD50	\MOV ZWL \	:
00	00	02	12	001E4	.BYTE	18, 2, 0, 0	:
8F	C0	06	BA	001E8	.RAD50	\ACBW \	:
20	01	11	14	001EC	.BYTE	20, 17, 1, 32	:
09	D8	53	AE	001F0	.RAD50	\MOV AW \	:
00	00	02	12	001F4	.BYTE	18, 2, 0, 0	:
32	3F	67	5B	001F8	.RAD50	\PUSH AW \	:
00	00	00	11	001FC	.BYTE	17, 0, 0, 0	:
2A	80	06	E4	00200	.RAD50	\ADD F2 \	:
00	00	02	22	00204	.BYTE	34, 2, 0, 0	:
2A	A8	06	E4	00208	.RAD50	\ADD F3 \	:
00	00	22	23	0020C	.BYTE	35, 34, 0, 0	:
2A	80	7A	0A	00210	.RAD50	\SUB F2 \	:
00	00	02	22	00214	.BYTE	34, 2, 0, 0	:
2A	A8	7A	0A	00218	.RAD50	\SUB F3 \	:
00	00	22	23	0021C	.BYTE	35, 34, 0, 0	:
2A	80	54	94	00220	.RAD50	\MUL F2 \	:
00	00	02	22	00224	.BYTE	34, 2, 0, 0	:
2A	A8	54	94	00228	.RAD50	\MUL F3 \	:
00	00	22	23	0022C	.BYTE	35, 34, 0, 0	:
2A	80	1A	7E	00230	.RAD50	\DIV F2 \	:
00	00	02	22	00234	.BYTE	34, 2, 0, 0	:
2A	A8	1A	7E	00238	.RAD50	\DIV F3 \	:
00	00	22	23	0023C	.BYTE	35, 34, 0, 0	:
25	D0	16	44	00240	.RAD50	\CVTFB \	:
00	00	00	22	00244	.BYTE	34, 0, 0, 0	:
29	18	16	44	00248	.RAD50	\CVTFW \	:
00	00	01	22	0024C	.BYTE	34, 1, 0, 0	:
27	60	16	44	00250	.RAD50	\CVTF L \	:
00	00	02	22	00254	.BYTE	34, 2, 0, 0	:
71	7C	16	44	00258	.RAD50	\CVTRFL \	:
00	00	02	22	0025C	.BYTE	34, 2, 0, 0	:
0D	70	16	44	00260	.RAD50	\CVTBF \	:
00	00	02	02	00264	.BYTE	2, 2, 0, 0	:
90	B0	16	44	00268	.RAD50	\CVTWF \	:
00	00	02	12	0026C	.BYTE	18, 2, 0, 0	:
4B	F0	16	44	00270	.RAD50	\CVTLF \	:

00	00	02	22	00274	.BYTE	34, 2, 0, 0
25	80	06	BA	00278	.RAD50	\ACBF \
20	01	22	24	0027C	.BYTE	36, 34, 1, 32
25	80	53	AE	00280	.RAD50	\MOVF \
00	00	02	22	00284	.BYTE	34, 2, 0, 0
25	80	14	D8	00288	.RAD50	\CMPF \
00	00	02	22	0028C	.BYTE	34, 2, 0, 0
2C	80	53	75	00290	.RAD50	\MNEGF \
00	00	02	22	00294	.BYTE	34, 2, 0, 0
25	80	80	0C	00298	.RAD50	\TSTF \
00	00	00	21	0029C	.BYTE	33, 0, 0, 0
19	F0	21	57	002A0	.RAD50	\EMODF \
00	22	20	25	002A4	.BYTE	37, 32, 34, 0
9D	30	66	64	002A8	.RAD50	\POLYF \
00	00	01	23	002AC	.BYTE	35, 1, 0, 0
26	20	16	44	002B0	.RAD50	\CVTFD \
00	00	03	22	002B4	.BYTE	34, 3, 0, 0
03	D8	99	D8	002B8	.RAD50	\XXX XX\
00	00	00	FF	002BC	.BYTE	-1, 0, 0, 0
91	28	06	E1	002C0	.RAD50	\ADAWI \
00	00	01	12	002C4	.BYTE	18, 1, 0, 0
03	D8	99	D8	002C8	.RAD50	\XXX XX\
00	00	00	FF	002CC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	002D0	.RAD50	\XXX XX\
00	00	00	FF	002D4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	002D8	.RAD50	\XXX XX\
00	00	00	FF	002DC	.BYTE	-1, 0, 0, 0
6B	89	3A	83	002E0	.RAD50	\INSQHI\
00	00	02	22	002E4	.BYTE	34, 2, 0, 0
6D	69	3A	83	002E8	.RAD50	\INSQTI\
00	00	02	22	002EC	.BYTE	34, 2, 0, 0
6B	89	71	55	002F0	.RAD50	\REMQHI\
00	00	02	22	002F4	.BYTE	34, 2, 0, 0
6D	69	71	55	002F8	.RAD50	\REMQTI\
00	00	02	22	002FC	.BYTE	34, 2, 0, 0
1E	00	06	E4	00300	.RAD50	\ADD2 \
00	00	03	32	00304	.BYTE	50, 3, 0, 0
1E	28	06	E4	00308	.RAD50	\ADD3 \
00	00	33	33	0030C	.BYTE	51, 51, 0, 0
1E	00	7A	0A	00310	.RAD50	\SUB2 \
00	00	03	32	00314	.BYTE	50, 3, 0, 0
1E	28	7A	0A	00318	.RAD50	\SUB3 \
00	00	33	33	0031C	.BYTE	51, 51, 0, 0
1E	00	54	94	00320	.RAD50	\MULD2 \
00	00	03	32	00324	.BYTE	50, 3, 0, 0
1E	28	54	94	00328	.RAD50	\MULD3 \
00	00	33	33	0032C	.BYTE	51, 51, 0, 0
1E	00	1A	7E	00330	.RAD50	\DIV2 \
00	00	03	32	00334	.BYTE	50, 3, 0, 0
1E	28	1A	7E	00338	.RAD50	\DIV3 \
00	00	33	33	0033C	.BYTE	51, 51, 0, 0
19	50	16	44	00340	.RAD50	\CVTDB \
00	00	00	32	00344	.BYTE	50, 0, 0, 0
1C	98	16	44	00348	.RAD50	\CVTDW \
00	00	01	32	0034C	.BYTE	50, 1, 0, 0
1A	E0	16	44	00350	.RAD50	\CVTDL \
00	00	02	32	00354	.BYTE	50, 2, 0, 0

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71	2C	16	44	00358	.RAD50	\CVTRDL\	
00	00	02	32	0035C	.BYTE	50, 2, 0, 0	
0D	20	16	44	00360	.RAD50	\CVTBD \	
00	00	03	02	00364	.BYTE	2, 3, 0, 0	
90	60	16	44	00368	.RAD50	\CVTWD \	
00	00	03	12	0036C	.BYTE	18, 3, 0, 0	
4B	A0	16	44	00370	.RAD50	\CVTLD \	
00	00	03	22	00374	.BYTE	34, 3, 0, 0	
19	00	06	BA	00378	.RAD50	\ACBD \	
20	01	33	34	0037C	.BYTE	52, 51, 1, 32	
19	00	53	AE	00380	.RAD50	\MOVD \	
00	00	03	32	00384	.BYTE	50, 3, 0, 0	
19	00	14	D8	00388	.RAD50	\CMPD \	
06	00	03	32	0038C	.BYTE	50, 3, 0, 0	
2C	60	53	75	00390	.RAD50	\MNEGD \	
00	00	03	32	00394	.BYTE	50, 3, 0, 0	
19	00	80	0C	00398	.RAD50	\TSTD \	
00	00	00	31	0039C	.BYTE	49, 0, 0, 0	
19	A0	21	57	003A0	.RAD50	\EMODD \	
00	32	30	35	003A4	.BYTE	53, 48, 50, 0	
9C	E0	66	64	003A8	.RAD50	\POLYD \	
00	00	01	33	003AC	.BYTE	51, 1, 0, 0	
19	F0	16	44	003B0	.RAD50	\CVTDF \	
00	00	02	32	003B4	.BYTE	50, 2, 0, 0	
03	D8	99	D8	003B8	.RAD50	\XXX XX\	
00	00	00	FF	003BC	.BYTE	-1, 0, 0, 0	
4B	00	09	40	003C0	.RAD50	\ASHL \	
00	00	22	03	003C4	.BYTE	3, 34, 0, 0	
6A	40	09	40	003C8	.RAD50	\ASHQ \	
00	00	33	03	003CC	.BYTE	3, 51, 0, 0	
4B	00	21	5D	003D0	.RAD50	\EMUL \	
00	03	22	24	003D4	.BYTE	36, 34, 3, 0	
89	80	1F	E9	003D8	.RAD50	\EDIV \	
00	02	23	24	003DC	.BYTE	36, 35, 2, 0	
6A	40	14	B2	003E0	.RAD50	\CLRQ \	
00	00	00	31	003E4	.BYTE	49, 0, 0, 0	
6A	40	53	AE	003E8	.RAD50	\MOVQ \	
00	00	03	32	003EC	.BYTE	50, 3, 0, 0	
08	E8	53	AE	003F0	.RAD50	\MOVAQ \	
00	00	02	32	003F4	.BYTE	50, 2, 0, 0	
32	39	67	5B	003F8	.RAD50	\PUSHAQ\	
00	00	00	31	003FC	.BYTE	49, 0, 0, 0	
11	80	06	E4	00400	.RAD50	\ADDB2 \	
00	00	00	02	00404	.BYTE	2, 0, 0, 0	
11	A8	06	E4	00408	.RAD50	\ADDB3 \	
00	00	00	03	0040C	.BYTE	3, 0, 0, 0	
11	80	7A	0A	00410	.RAD50	\SUBB2 \	
00	00	00	02	00414	.BYTE	2, 0, 0, 0	
11	A8	7A	0A	00418	.RAD50	\SUBB3 \	
00	00	00	03	0041C	.BYTE	3, 0, 0, 0	
11	80	54	94	00420	.RAD50	\MULB2 \	
00	00	00	02	00424	.BYTE	2, 0, 0, 0	
11	A8	54	94	00428	.RAD50	\MULB3 \	
00	00	00	03	0042C	.BYTE	3, 0, 0, 0	
11	80	1A	7E	00430	.RAD50	\DIVB2 \	
00	00	00	02	00434	.BYTE	2, 0, 0, 0	
11	A8	1A	7E	00438	.RAD50	\DIVB3 \	

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00	00	00	03	0043C	.BYTE	3, 0, 0, 0	:
11	80	0D	FB	00440	.RAD50	\BISB2 \	:
00	00	00	02	00444	.BYTE	2, 0, 0, 0	:
11	A8	0D	FB	00448	.RAD50	\BISB3 \	:
00	00	00	03	0044C	.BYTE	3, 0, 0, 0	:
11	80	0D	EB	00450	.RAD50	\BICB2 \	:
00	00	00	02	00454	.BYTE	2, 0, 0, 0	:
11	A8	0D	EB	00458	.RAD50	\BICB3 \	:
00	00	00	03	0045C	.BYTE	3, 0, 0, 0	:
11	80	98	6A	00460	.RAD50	\XORB2 \	:
00	00	00	02	00464	.BYTE	2, 0, 0, 0	:
11	A8	98	6A	00468	.RAD50	\XORB3 \	:
00	00	00	03	0046C	.BYTE	3, 0, 0, 0	:
2C	10	53	75	00470	.RAD50	\MNEGB \	:
00	00	00	02	00474	.BYTE	2, 0, 0, 0	:
1F	90	12	FB	00478	.RAD50	\CASEB \	:
00	00	00	03	0047C	.BYTE	3, 0, 0, 0	:
0C	80	53	AE	00480	.RAD50	\MOVB \	:
00	00	00	02	00484	.BYTE	2, 0, 0, 0	:
0C	80	14	JB	00488	.RAD50	\CMPB \	:
00	00	00	02	0048C	.BYTE	2, 0, 0, 0	:
51	90	51	C7	0049C	.RAD50	\MCOMB \	:
00	00	00	02	00494	.BYTE	2, 0, 0, 0	:
0C	80	0D	FC	00498	.RAD50	\BITB \	:
00	00	00	02	0049C	.BYTE	2, 0, 0, 0	:
0C	80	14	B2	004A0	.RAD50	\CLRB \	:
0C	80	00	01	004A4	.BYTE	1, 0, 0, 0	:
0C	80	80	0C	004A8	.RAD50	\ISTB \	:
00	00	00	01	004AC	.BYTE	1, 0, 0, 0	:
0C	80	3A	73	004B0	.RAD50	\INCB \	:
00	00	00	01	004B4	.BYTE	1, 0, 0, 0	:
0C	80	19	CB	004B8	.RAD50	\DECB \	:
00	00	00	01	004BC	.BYTE	1, 0, 0, 0	:
0E	60	16	44	004C0	.RAD50	\CVTBL \	:
00	00	02	02	004C4	.BYTE	2, 2, 0, 0	:
10	18	16	44	004C8	.RAD50	\CVTBW \	:
00	00	01	02	004CC	.BYTE	2, 1, 0, 0	:
A2	DC	53	AE	004D0	.RAD50	\MOVZBL \	:
00	00	02	02	004D4	.BYTE	2, 2, 0, 0	:
A2	E7	53	AE	004D8	.RAD50	\MOVZBW \	:
00	00	01	02	004DC	.BYTE	2, 1, 0, 0	:
4B	00	72	EC	004E0	.RAD50	\ROTL \	:
00	00	22	03	004E4	.BYTE	3, 34, 0, 0	:
0C	80	06	BA	004E8	.RAD50	\ACBB \	:
20	01	00	04	004EC	.BYTE	4, 0, i, 32	:
06	90	53	AE	004F0	.RAD50	\MOVAB \	:
00	00	02	02	004F4	.BYTE	2, 2, 0, 0	:
32	2A	67	5B	004F8	.RAD50	\PUSHAB \	:
00	00	00	01	004FC	.BYTE	1, 0, 0, 0	:
94	C0	06	E4	00500	.RAD50	\ADDW2 \	:
00	00	01	12	00504	.BYTE	18, 1, 0, 0	:
94	E8	06	E4	00508	.RAD50	\ADDW3 \	:
00	00	11	13	0050C	.BYTE	19, 17, 0, 0	:
94	C0	7A	0A	00510	.RAD50	\SUBW2 \	:
00	00	01	12	00514	.BYTE	18, 1, 0, 0	:
94	E8	7A	0A	00518	.RAD50	\SUBW3 \	:
00	00	11	13	0051C	.BYTE	19, 17, 0, 0	:

94	CO	54	94	00520	.RAD50	\MULW2 \			
00	00	01	12	00524	.BYTE	18, 1, 0, 0			
94	EB	54	94	00528	.RAD50	\MULW3 \			
00	00	11	13	0052C	.BYTE	19, 17, 0, 0			
94	CO	1A	7E	00530	.RAD50	\DIVW2 \			
00	00	01	12	00534	.BYTE	18, 1, 0, 0			
94	EB	1A	7E	00538	.RAD50	\DIVW3 \			
00	00	11	13	0053C	.BYTE	19, 17, 0, 0			
94	CO	0D	FB	00540	.RAD50	\BISW2 \			
00	00	01	12	00544	.BYTE	18, 1, 0, 0			
94	EB	0D	FB	00548	.RAD50	\BISW3 \			
CO	00	11	13	0054C	.BYTE	19, 17, 0, 0			
94	CO	0D	EB	00550	.RAD50	\BICW2 \			
00	00	01	12	00554	.BYTE	18, 1, 0, 0			
94	EB	0D	EB	00558	.RAD50	\BICW3 \			
00	00	11	13	0055C	.BYTE	19, 17, 0, 0			
94	CO	98	6A	00560	.RAD50	\XORW2 \			
00	00	01	12	00564	.BYTE	18, 1, 0, 0			
94	EB	98	6A	00568	.RAD50	\XORW3 \			
00	00	11	13	0056C	.BYTE	19, 17, 0, 0			
2F	5B	53	75	00570	.RAD50	\MNEGW \			
00	00	01	12	00574	.BYTE	18, 1, 0, 0			
22	DB	12	FB	00578	.RAD50	\CASEW \			
00	00	11	13	0057C	.BYTE	19, 17, 0, 0			
8F	CO	53	AE	00580	.RAD50	\MOVW \			
00	00	01	12	00584	.BYTE	18, 1, 0, 0			
8F	CO	14	D8	00588	.RAD50	\CMPW \			
00	00	01	12	0058C	.BYTE	18, 1, 0, 0			
54	DB	51	C7	00590	.RAD50	\MCOMW \			
00	00	01	12	00594	.BYTE	18, 1, 0, 0			
8F	CO	0D	FC	00598	.RAD50	\BITW \			
00	00	01	12	0059C	.BYTE	18, 1, 0, 0			
8F	CO	14	B2	005A0	.RAD50	\CLRW \			
00	00	00	11	005A4	.BYTE	17, 0, 0, 0			
8F	CO	80	0C	005A8	.RAD50	\ISTW \			
00	00	00	11	005AC	.BYTE	17, 0, 0, 0			
8F	CO	3A	73	005B0	.RAD50	\INCW \			
00	CO	00	11	005B4	.BYTE	17, 0, 0, 0			
8F	CO	19	CB	005B8	.RAD50	\DECW \			
00	00	00	11	005BC	.BYTE	17, 0, 0, 0			
67	0F	0D	FB	005C0	.RAD50	\BISPSW \			
00	00	00	11	005C4	.BYTE	17, 0, 0, 0			
67	0F	0D	EB	005C8	.RAD50	\BICPSW \			
00	00	00	11	005CC	.BYTE	17, 0, 0, 0			
70	80	66	68	005D0	.RAD50	\POPR \			
00	00	00	11	005D4	.BYTE	17, 0, 0, 0			
34	00	67	5B	005D8	.RAD50	\PUSHR \			
00	00	00	11	005DC	.BYTE	17, 0, 0, 0			
44	CO	14	0D	005E0	.RAD50	\CHMK \			
00	00	00	11	005E4	.BYTE	17, 0, 0, 0			
1F	40	14	0D	005E8	.RAD50	\CHME \			
00	00	00	11	005EC	.BYTE	17, 0, 0, 0			
76	CO	14	0D	005F0	.RAD50	\CHMS \			
00	00	00	11	005F4	.BYTE	17, 0, 0, 0			
83	40	14	0D	005F8	.RAD50	\CHMU \			
00	00	00	11	005FC	.BYTE	17, 0, 0, 0			
50	00	06	E4	00600	.RAD50	\ADDL2 \			

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00	00	02	22	00604	.BYTE	34, 2	0, 0	
50	28	06	E4	00608	.RAD50	\ADDL3	\	
00	00	22	23	0060C	.BYTE	35, 34	0, 0	
50	00	7A	0A	00610	.RAD50	\SUBL2	\	
00	00	02	22	00614	.BYTE	34, 2	0, 0	
50	28	7A	0A	00618	.RAD50	\SUBL3	\	
00	00	02	23	0061C	.BYTE	35, 2	0, 0	
50	00	54	94	00620	.RAD50	\MULL2	\	
00	00	02	22	00624	.BYTE	34, 2	0, 0	
50	28	54	94	00628	.RAD50	\MULL3	\	
00	00	22	23	0062C	.BYTE	35, 34	0, 0	
50	00	1A	7E	00630	.RAD50	\DIVL2	\	
00	00	02	22	00634	.BYTE	34, 2	0, 0	
50	28	1A	7E	00638	.RAD50	\DIVL3	\	
00	00	22	23	0063C	.BYTE	35, 34	0, 0	
50	00	0D	FB	00640	.RAD50	\BISL2	\	
00	00	02	22	00644	.BYTE	34, 2	0, 0	
50	28	0D	FB	00648	.RAD50	\BISL3	\	
00	00	22	23	0064C	.BYTE	35, 34	0, 0	
50	00	0D	EB	00650	.RAD50	\BICL2	\	
00	00	02	22	00654	.BYTE	34, 2	0, 0	
50	28	0D	EB	00658	.RAD50	\BICL3	\	
00	00	22	23	0065C	.BYTE	35, 34	0, 0	
50	00	98	6A	00660	.RAD50	\XORL2	\	
00	00	02	22	00664	.BYTE	34, 2	0, 0	
50	28	98	6A	00668	.RAD50	\XORL3	\	
00	00	22	23	0066C	.BYTE	35, 34	0, 0	
2D	A0	53	75	00670	.RAD50	\MNEGL	\	
00	00	02	22	00674	.BYTE	34, 2	0, 0	
21	20	12	FB	00678	.RAD50	\CASEL	\	
00	00	22	23	0067C	.BYTE	35, 34	0, 0	
4B	00	53	AE	00680	.RAD50	\MOVL	\	
00	00	02	22	00684	.BYTE	34, 2	0, 0	
4B	00	14	DB	00688	.RAD50	\CMPL	\	
00	00	02	22	0068C	.BYTE	34, 2	0, 0	
53	20	51	C7	00690	.RAD50	\MCOML	\	
00	00	02	22	00694	.BYTE	34, 2	0, 0	
4B	00	0D	FC	00698	.RAD50	\BITL	\	
00	00	02	22	0069C	.BYTE	34, 2	0, 0	
4B	00	14	B2	006A0	.RAD50	\CLRL	\	
00	00	00	21	006A4	.BYTE	33, 0	0, 0	
4B	00	80	0C	006A8	.RAD50	\TSTL	\	
00	00	00	21	006AC	.BYTE	33, 0	0, 0	
4B	00	3A	73	006B0	.RAD50	\INCL	\	
00	00	00	21	006B4	.BYTE	33, 0	0, 0	
4B	00	19	CB	006B8	.RAD50	\DECL	\	
00	00	00	21	006BC	.BYTE	33, 0	0, 0	
12	C0	06	F7	006C0	.RAD50	\ADWC	\	
00	00	02	22	006C4	.BYTE	34, 2	0, 0	
12	C0	77	27	006C8	.RAD50	\SBWC	\	
00	00	02	22	006CC	.BYTE	34, 2	0, 0	
70	80	54	70	006D0	.RAD50	\MIPR	\	
00	00	02	22	006D4	.BYTE	34, 2	0, 0	
70	80	52	40	006D8	.RAD50	\MIFR	\	
00	00	02	22	006DC	.BYTE	34, 2	0, 0	
67	04	53	AE	006E0	.RAD50	\MOVPSL	\	
00	00	00	21	006E4	.BYTE	33, 0	0, 0	

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33	E0	67	5B	006E8	.RAD50	\PUSHL \	
00	00	00	21	006EC	.BYTE	33, 0, 0, 0	
08	20	53	AE	006F0	.RAD50	\MOVAL \	
00	00	02	22	006F4	.BYTE	34, 2, 0, 0	
32	34	67	5B	006F8	.RAD50	\PUSHAL \	
00	00	00	21	006FC	.BYTE	33, 0, 0, 0	
00	00	0C	E3	00700	.RAD50	\BBS \	
10	00	00	23	00704	.BYTE	35, 0, 0, 16	
00	00	0C	D3	00708	.RAD50	\BBC \	
10	00	00	23	0070C	.BYTE	35, 0, 0, 16	
76	C0	0C	E3	00710	.RAD50	\BBSS \	
10	00	00	23	00714	.BYTE	35, 0, 0, 16	
76	C0	0C	D3	00718	.RAD50	\BBCS \	
10	00	00	23	0071C	.BYTE	35, 0, 0, 16	
12	C0	0C	E3	00720	.RAD50	\BBSC \	
10	00	00	23	00724	.BYTE	35, 0, 0, 16	
12	C0	0C	D3	00728	.RAD50	\BBCC \	
10	00	00	23	0072C	.BYTE	35, 0, 0, 16	
78	28	0C	E3	00730	.RAD50	\BBSSI \	
10	00	00	23	00734	.BYTE	35, 0, 0, 16	
14	28	0C	D3	00738	.RAD50	\BBCCI \	
10	00	00	23	0073C	.BYTE	35, 0, 0, 16	
76	C0	0E	62	00740	.RAD50	\BLBS \	
10	00	00	22	00744	.BYTE	34, 0, 0, 16	
12	C0	0E	62	00748	.RAD50	\BLBC \	
10	00	00	22	0074C	.BYTE	34, 0, 0, 16	
00	00	26	83	00750	.RAD50	\FFS \	
00	02	00	24	00754	.BYTE	36, 0, 2, 0	
00	00	26	73	00758	.RAD50	\FFC \	
00	02	00	24	0075C	.BYTE	36, 0, 2, 0	
89	80	14	D8	00760	.RAD50	\CMPV \	
00	02	00	24	00764	.BYTE	36, 0, 2, 0	
A5	F0	14	D8	00768	.RAD50	\CMPZV \	
00	02	00	24	0076C	.BYTE	36, 0, 2, 0	
89	80	23	14	00770	.RAD50	\EXTV \	
00	02	00	24	00774	.BYTE	36, 0, 2, 0	
A5	F0	23	14	00778	.RAD50	\EXTZV \	
00	02	00	24	0077C	.BYTE	36, 0, 2, 0	
89	80	3A	83	00780	.RAD50	\INSV \	
00	00	02	24	00784	.BYTE	36, 2, 0, 0	
4B	00	06	BA	00788	.RAD50	\ACBL \	
20	01	22	24	0078C	.BYTE	36, 34, 1, 32	
4E	0B	08	9A	00790	.RAD50	\AOBLS \	
10	00	02	23	00794	.BYTE	35, 2, 0, 16	
4B	D9	08	9A	00798	.RAD50	\AOBLEQ \	
10	00	02	23	0079C	.BYTE	35, 2, 0, 16	
2C	99	79	1A	007A0	.RAD50	\SOBG EQ \	
10	00	00	22	007A4	.BYTE	34, 0, 0, 16	
2E	F2	79	1A	007A8	.RAD50	\SOBG IR \	
10	00	00	22	007AC	.BYTE	34, 0, 0, 16	
4B	50	16	44	007B0	.RAD50	\CVTLB \	
00	00	00	22	007B4	.BYTE	34, 0, 0, 0	
4E	98	16	44	007B8	.RAD50	\CVTLW \	
00	00	01	22	007BC	.BYTE	34, 1, 0, 0	
64	00	09	40	007C0	.RAD50	\ASHP \	
00	10	01	06	007C4	.BYTE	6, 1, 16, 0	
4D	80	16	44	007C8	.RAD50	\CVTLP \	

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00	00	01	23	007CC	.BYTE	35, 1, 0, 0	
4C	18	12	F4	007D0	.RAD50	\CALLG \	
00	00	00	02	007D4	.BYTE	2, 0, 0, 0	
4D	F8	12	F4	007D8	.RAD50	\CALLS \	
00	00	00	22	007DC	.BYTE	34, 0, 0, 0	
00	00	96	F3	007E0	.RAD50	\XFC \	
00	00	00	00	007E4	.BYTE	0, 0, 0, 0	
03	D8	99	D8	007E8	.RAD50	\XXX XX\	
00	00	00	FF	007EC	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	007F0	.RAD50	\XXX XX\	
0C	00	00	FF	007F4	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	007F8	.RAD50	\XXX XX\	
00	00	00	FF	007FC	.BYTE	-1, 0, 0, 0	
7D	C8	AF	69	00800	.RAD50	\.BYTE \	
10	00	00	FE	00804	.BYTE	-2, 0, 0, 16	
71	20	B2	A7	00808	.RAD50	\.WORD \	
20	00	00	FE	0080C	.BYTE	-2, 0, 0, 32	
58	98	B0	EF	00810	.RAD50	\.LONG \	
30	00	00	FE	00814	.BYTE	-2, 0, 0, 48	
03	D8	99	D8	00818	PAT\$GB_OPINFO2:		
					.RAD50	\XXX XX\	
00	00	00	FF	0081C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00820	.RAD50	\XXX XX\	
00	00	00	FF	00824	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00828	.RAD50	\XXX XX\	
00	00	00	FF	0082C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00830	.RAD50	\XXX XX\	
00	00	00	FF	00834	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00838	.RAD50	\XXX XX\	
00	00	00	FF	0083C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00840	.RAD50	\XXX XX\	
00	00	00	FF	00844	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00848	.RAD50	\XXX XX\	
00	00	00	FF	0084C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00850	.RAD50	\XXX XX\	
00	00	00	F	00854	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00858	.RAD50	\XXX XX\	
00	00	00	FF	0085C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00860	.RAD50	\XXX XX\	
00	00	00	FF	00864	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00868	.RAD50	\XXX XX\	
00	00	00	FF	0086C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00870	.RAD50	\XXX XX\	
00	00	00	FF	00874	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00878	.RAD50	\XXX XX\	
00	00	00	FF	0087C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00880	.RAD50	\XXX XX\	
00	00	00	FF	00884	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	0C988	.RAD50	\XXX XX\	
00	00	00	FF	0088C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00890	.RAD50	\XXX XX\	
00	00	00	FF	00894	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00898	.RAD50	\XXX XX\	
00	00	00	FF	0089C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	008A0	.RAD50	\XXX XX\	
00	00	00	FF	008A4	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	008A8	.RAD50	\XXX XX\	

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00	00	00	FF	008AC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	008B0	.RAD50	\XXX XX\
00	00	00	FF	00834	.BYTE	-1, 0, 0, 0
03	D8	99	D8	008B8	.RAD50	\XXX XX\
00	00	00	FF	008BC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	008C0	.RAD50	\XXX XX\
00	00	00	FF	008C4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	008C8	.RAD50	\XXX XX\
00	00	00	FF	008CC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	008D0	.RAD50	\XXX XX\
00	00	00	FF	008D4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	008D8	.RAD50	\XXX XX\
00	00	00	FF	008DC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	008E0	.RAD50	\XXX XX\
00	00	00	FF	008E4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	008E8	.RAD50	\XXX XX\
00	00	00	FF	008EC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	008F0	.RAD50	\XXX XX\
00	00	00	FF	008F4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	008F8	.RAD50	\XXX XX\
00	00	00	FF	008FC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00900	.RAD50	\XXX XX\
00	00	00	FF	00904	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00908	.RAD50	\XXX XX\
00	00	00	FF	0090C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00910	.RAD50	\XXX XX\
00	00	00	FF	00914	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00918	.RAD50	\XXX XX\
00	00	00	FF	0091C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00920	.RAD50	\XXX XX\
00	00	00	FF	00924	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00928	.RAD50	\XXX XX\
00	00	00	FF	0092C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00930	.RAD50	\XXX XX\
00	00	00	FF	00934	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00938	.RAD50	\XXX XX\
00	00	00	FF	0093C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00940	.RAD50	\XXX XX\
00	00	00	FF	00944	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00948	.RAD50	\XXX XX\
00	00	00	FF	0094C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00950	.RAD50	\XXX XX\
00	00	00	FF	00954	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00958	.RAD50	\XXX XX\
00	00	00	FF	0095C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00960	.RAD50	\XXX XX\
00	00	00	FF	00964	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00968	.RAD50	\XXX XX\
00	00	00	FF	0096C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00970	.RAD50	\XXX XX\
00	00	00	FF	00974	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00978	.RAD50	\XXX XX\
00	00	00	FF	0097C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00980	.RAD50	\XXX XX\
00	00	00	FF	00984	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00988	.RAD50	\XXX XX\
00	00	00	FF	0098C	.BYTE	-1, 0, 0, 0

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03	D8	99	D8	00990	.RAD50	\XXX XX\			
00	00	00	FF	00994	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	00998	.RAD50	\XXX XX\			
00	00	00	FF	0099C	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	009A0	.RAD50	\XXX XX\			
00	00	00	FF	009A4	.BYTE	-1, 0, 0, 0			
1A	40	16	44	009A8	.RAD50	\CVTDH \			
00	00	04	32	009AC	.BYTE	50, 4, 0, 0			
2C	B0	16	44	009B0	.RAD50	\CVTGF \			
00	00	02	32	009B4	.BYTE	50, 2, 0, 0			
03	D8	99	D8	009B8	.RAD50	\XXX XX\			
00	00	00	FF	009BC	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	009C0	.RAD50	\XXX XX\			
00	00	00	FF	009C4	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	009C8	.RAD50	\XXX XX\			
00	00	00	FF	009CC	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	009D0	.RAD50	\XXX XX\			
00	00	00	FF	009D4	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	009D8	.RAD50	\XXX XX\			
00	00	00	FF	009DC	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	009E0	.RAD50	\XXX XX\			
00	00	00	FF	009E4	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	009E8	.RAD50	\XXX XX\			
00	00	00	FF	009EC	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	009F0	.RAD50	\XXX XX\			
00	00	00	FF	009F4	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	009F8	.RAD50	\XXX XX\			
00	00	00	FF	009FC	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	00A00	.RAD50	\XXX XX\			
00	00	00	FF	00A04	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	00A08	.RAD50	\XXX XX\			
00	00	00	FF	00A0C	.BYTE	-1, 0, 0, 0			
03	D8	99	D8	00A10	.RAD50	\XXX XX\			
00	00	00	FF	00A14	.BYTE	-1, 0, 0, 0			
30	C0	06	E4	00A18	.RAD50	\ADDG2 \			
00	00	03	32	00A1C	.BYTE	50, 3, 0, 0			
30	E8	06	E4	00A20	.RAD50	\ADDG3 \			
00	00	33	33	00A24	.BYTE	51, 51, 0, 0			
30	C0	7A	0A	00A28	.RAD50	\SUBG2 \			
00	00	03	32	00A2C	.BYTE	50, 3, 0, 0			
30	E8	7A	0A	00A30	.RAD50	\SUBG3 \			
00	00	33	33	00A34	.BYTE	51, 51, 0, 0			
30	C0	54	94	00A38	.RAD50	\MULG2 \			
00	00	03	32	00A3C	.BYTE	50, 3, 0, 0			
30	E8	54	94	00A40	.RAD50	\MULG3 \			
00	00	33	33	00A44	.BYTE	51, 51, 0, 0			
30	C0	1A	7E	00A48	.RAD50	\DIVG2 \			
00	00	03	32	00A4C	.BYTE	50, 3, 0, 0			
30	E8	1A	7E	00A50	.RAD50	\DIVG3 \			
00	00	33	33	00A54	.BYTE	51, 51, 0, 0			
2C	10	16	44	00A58	.RAD50	\CVTGB \			
00	00	00	32	00A5C	.BYTE	50, 0, 0, 0			
2F	58	16	44	00A60	.RAD50	\CVTGW \			
00	00	01	32	00A64	.BYTE	50, 1, 0, 0			
2D	A0	16	44	00A68	.RAD50	\CVTGL \			
00	00	02	32	00A6C	.BYTE	50, 2, 0, 0			
71	A4	16	44	00A70	.RAD50	\CVTRGL \			

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00	00	02	32	00A74	.BYTE	50, 2, 0, 0
0D	98	16	44	00A78	.RAD50	\CVTBG \
00	00	03	02	00A7C	.BYTE	2, 3, 0, 0
90	D8	16	44	00A80	.RAD50	\CVTWG \
00	00	03	12	00A84	.BYTE	18, 3, 0, 0
4C	18	16	44	00A88	.RAD50	\CVTLG \
00	00	03	22	00A8C	.BYTE	34, 3, 0, 0
2B	C0	06	BA	00A90	.RAD50	\ACBG \
20	01	33	34	00A94	.BYTE	52, 51, 1, 32
2B	C0	53	AE	00A98	.RAD50	\MOVG \
00	00	03	32	00A9C	.BYTE	50, 3, 0, 0
2B	C0	14	DB	00AA0	.RAD50	\CMPG \
00	00	03	32	00AA4	.BYTE	50, 3, 0, 0
2C	D8	53	75	00AA8	.RAD50	\MNEGG \
00	00	03	32	00AAC	.BYTE	50, 3, 0, 0
2B	C0	80	0C	00AB0	.RAD50	\TSTG \
00	00	00	31	00AB4	.BYTE	49, 0, 0, 0
1A	18	21	57	00AB8	.RAD50	\EMCDG \
00	32	31	35	00ABC	.BYTE	53, 49, 50, 0
9D	58	66	64	00AC0	.RAD50	\POLYG \
00	00	01	33	00AC4	.BYTE	51, 1, 0, 0
2D	00	16	44	00AC8	.RAD50	\CVTGH \
00	00	04	32	00ACC	.BYTE	50, 4, 0, 0
03	D8	99	D8	00AD0	.RAD50	\XXX XX\
00	00	00	FF	00AD4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00AD8	.RAD50	\XXX XX\
00	00	00	FF	00ADC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00AE0	.RAD50	\XXX XX\
00	00	00	FF	00AE4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00AE8	.RAD50	\XXX XX\
00	00	00	FF	00AEC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00AF0	.RAD50	\XXX XX\
00	00	00	FF	00AF4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00AF8	.RAD50	\XXX XX\
00	00	00	FF	00AFC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00B00	.RAD50	\XXX XX\
00	00	00	FF	00B04	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00B08	.RAD50	\XXX XX\
00	00	00	FF	00B0C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00B10	.RAD50	\XXX XX\
00	00	00	FF	00B14	.BYTE	-1, 0, 0, 0
37	00	06	E4	00B18	.RAD50	\ADDH2 \
00	00	04	42	00B1C	.BYTE	66, 4, 0, 0
37	28	06	E4	00B20	.RAD50	\ADDH3 \
00	00	44	43	00B24	.BYTE	67, 68, 0, 0
37	00	7A	0A	00B28	.RAD50	\SUBH2 \
00	00	04	42	00B2C	.BYTE	66, 4, 0, 0
37	28	7A	0A	00B30	.RAD50	\SUBH3 \
00	00	44	43	00B34	.BYTE	67, 68, 0, 0
37	00	54	94	00B38	.RAD50	\MULH2 \
00	00	04	42	00B3C	.BYTE	66, 4, 0, 0
37	28	54	94	00B40	.RAD50	\MULH3 \
00	00	44	43	00B44	.BYTE	67, 68, 0, 0
37	00	1A	7E	00B48	.RAD50	\DIVH2 \
00	00	04	42	00B4C	.BYTE	66, 4, 0, 0
37	28	1A	7E	00B50	.RAD50	\DIVH3 \
00	00	44	43	00B54	.BYTE	67, 68, 0, 0

32	50	16	44	00B58	.RAD50	\CVTHB \	
00	00	00	42	00B5C	.BYTE	66, 0, 0, 0	
35	98	16	44	00B60	.RAD50	\CVTHW \	
00	00	01	42	00B64	.BYTE	66, 1, 0, 0	
33	F0	16	44	00B68	.RAD50	\CVTHL \	
00	00	02	42	00B6C	.BYTE	66, 2, 0, 0	
71	CC	16	44	00B70	.RAD50	\CVTRHL \	
00	00	02	42	00B74	.BYTE	66, 2, 0, 0	
0D	CO	16	44	00B78	.RAD50	\CVTBH \	
00	00	04	02	00B7C	.BYTE	2, 4, 0, 0	
91	00	16	44	00B80	.RAD50	\CVTWH \	
00	00	04	12	00B84	.BYTE	18, 4, 0, 0	
4C	40	16	44	00B88	.RAD50	\CVTLH \	
00	00	04	22	00B8C	.BYTE	34, 4, 0, 0	
32	00	06	BA	00B90	.RAD50	\ACBH \	
20	01	44	44	00B94	.BYTE	68, 68, 1, 32	
32	00	53	AE	00B98	.RAD50	\MOVH \	
00	00	04	42	00B9C	.BYTE	66, 4, 0, 0	
32	00	14	D8	00BA0	.RAD50	\CMPH \	
00	00	04	42	00BA4	.BYTE	66, 4, 0, 0	
2D	00	53	75	00BA8	.RAD50	\MNEGH \	
00	00	04	42	00BAC	.BYTE	66, 4, 0, 0	
32	00	80	0C	00BB0	.RAD50	\TSTH \	
00	00	00	41	00BB4	.BYTE	65, 0, 0, 0	
1A	40	21	57	00BB8	.RAD50	\EMODH \	
00	42	41	45	00BBC	.BYTE	69, 65, 66, 0	
9D	80	66	64	00BC0	.RAD50	\POLYH \	
00	00	01	43	00BC4	.BYTE	67, 1, 0, 0	
33	18	16	44	00BC8	.RAD50	\CVTHG \	
00	00	03	42	00BCC	.BYTE	66, 3, 0, 0	
03	D8	99	D8	00BD0	.RAD50	\XXX XX \	
00	00	00	FF	00BD4	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00BD8	.RAD50	\XXX XX \	
00	00	00	FF	00BDC	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00BE0	.RAD50	\XXX XX \	
00	00	00	FF	00BE4	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00BE8	.RAD50	\XXX XX \	
00	00	00	FF	00BEC	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00BF0	.RAD50	\XXX XX \	
00	00	00	FF	00BF4	.BYTE	-1, 0, 0, 0	
5D	CO	14	B2	00BF8	.RAD50	\CLRO \	
00	00	00	41	00BFC	.BYTE	65, 0, 0, 0	
5D	CO	53	AE	00C00	.RAD50	\MOVO \	
00	00	04	42	00C04	.BYTE	66, 4, 0, 0	
08	98	53	AE	00C08	.RAD50	\MOVA0 \	
00	00	02	42	00C0C	.BYTE	66, 2, 0, 0	
32	37	67	5B	00C10	.RAD50	\PUSHAO \	
00	00	00	41	00C14	.BYTE	65, 0, 0, 0	
03	D8	99	D8	00C18	.RAD50	\XXX XX \	
00	00	00	FF	00C1C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00C20	.RAD50	\XXX XX \	
00	00	00	FF	00C24	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00C28	.RAD50	\XXX XX \	
00	00	00	FF	00C2C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00C30	.RAD50	\XXX XX \	
00	00	00	FF	00C34	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00C38	.RAD50	\XXX XX \	

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00	00	00	FF	00C3C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00C40	.RAD50	\XXX XX\
00	00	00	FF	00C44	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00C48	.RAD50	\XXX XX\
00	00	00	FF	00C4C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00C50	.RAD50	\XXX XX\
00	00	00	FF	00C54	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00C58	.RAD50	\XXX XX\
00	00	00	FF	00C5C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00C60	.RAD50	\XXX XX\
00	00	00	FF	00C64	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00C68	.RAD50	\XXX XX\
00	00	00	FF	00C6C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00C70	.RAD50	\XXX XX\
00	00	00	FF	00C74	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00C78	.RAD50	\XXX XX\
00	00	00	FF	00C7C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00C80	.RAD50	\XXX XX\
00	00	00	FF	00C84	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00C88	.RAD50	\XXX XX\
00	00	00	FF	00C8C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00C90	.RAD50	\XXX XX\
00	00	00	FF	00C94	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00C98	.RAD50	\XXX XX\
00	00	00	FF	00C9C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00CA0	.RAD50	\XXX XX\
00	00	00	FF	00CA4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00CA8	.RAD50	\XXX XX\
00	00	00	FF	00CAC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00CB0	.RAD50	\XXX XX\
00	00	00	FF	00CB4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00CB8	.RAD50	\XXX XX\
00	00	00	FF	00CBC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00CC0	.RAD50	\XXX XX\
00	00	00	FF	00CC4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00CC8	.RAD50	\XXX XX\
00	00	00	FF	00CCC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00CD0	.RAD50	\XXX XX\
00	00	00	FF	00CD4	.BYTE	-1, 0, 0, 0
26	C0	16	44	00CD8	.RAD50	\CVTFH \
00	00	04	22	00CDC	.BYTE	34, 4, 0, 0
26	98	16	44	00CE0	.RAD50	\CVTFG \
00	00	03	22	00CE4	.BYTE	34, 3, 0, 0
03	D8	99	D8	00CE8	.RAD50	\XXX XX\
00	00	00	FF	00CEC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00CF0	.RAD50	\XXX XX\
00	00	00	FF	00CF4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00CF8	.RAD50	\XXX XX\
00	00	00	FF	00CFC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00D00	.RAD50	\XXX XX\
00	00	00	FF	00D04	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00D08	.RAD50	\XXX XX\
00	00	00	FF	00D0C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00D10	.RAD50	\XXX XX\
00	00	00	FF	00D14	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00D18	.RAD50	\XXX XX\
00	00	00	FF	00D1C	.BYTE	-1, 0, 0, 0

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03	D8	99	D8	00D20	.RAD50	\XXX XX\		
00	00	00	FF	00D24	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D28	.RAD50	\XXX XX\		
00	00	00	FF	00D2C	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D30	.RAD50	\XXX XX\		
00	00	00	FF	00D34	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D38	.RAD50	\XXX XX\		
00	00	00	FF	00D3C	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D40	.RAD50	\XXX XX\		
00	00	00	FF	00D44	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D48	.RAD50	\XXX XX\		
00	00	00	FF	00D4C	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D50	.RAD50	\XXX XX\		
00	00	00	FF	00D54	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D58	.RAD50	\XXX XX\		
00	00	00	FF	00D5C	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D60	.RAD50	\XXX XX\		
00	00	00	FF	00D64	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D68	.RAD50	\XXX XX\		
00	00	00	FF	00D6C	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D70	.RAD50	\XXX XX\		
00	00	00	FF	00D74	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D78	.RAD50	\XXX XX\		
00	00	00	FF	00D7C	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D80	.RAD50	\XXX XX\		
00	00	00	FF	00D84	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D88	.RAD50	\XXX XX\		
00	00	00	FF	00D8C	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D90	.RAD50	\XXX XX\		
00	00	00	FF	00D94	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00D98	.RAD50	\XXX XX\		
00	00	00	FF	00D9C	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00DA0	.RAD50	\XXX XX\		
00	00	00	FF	00DA4	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00DA8	.RAD50	\XXX XX\		
00	00	00	FF	00DAC	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00DB0	.RAD50	\XXX XX\		
00	00	00	FF	00DB4	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00DB8	.RAD50	\XXX XX\		
00	00	00	FF	00DBC	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00DC0	.RAD50	\XXX XX\		
00	00	00	FF	00DC4	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00DC8	.RAD50	\XXX XX\		
00	00	00	FF	00DCC	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00DD0	.RAD50	\XXX XX\		
00	00	00	FF	00DD4	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00DD8	.RAD50	\XXX XX\		
00	00	00	FF	00DDC	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00DE0	.RAD50	\XXX XX\		
00	00	00	FF	00DE4	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00DE8	.RAD50	\XXX XX\		
00	00	00	FF	00DEC	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00DF0	.RAD50	\XXX XX\		
00	00	00	FF	00DF4	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00DF8	.RAD50	\XXX XX\		
00	00	00	FF	00DFC	.BYTE	-1, 0, 0, 0		
03	D8	99	D8	00E00	.RAD50	\XXX XX\		

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00	00	00	FF	00E04	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E08	.RAD50	\XXX XX\
00	00	00	FF	00E0C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E10	.RAD50	\XXX XX\
00	00	00	FF	00E14	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E18	.RAD50	\XXX XX\
00	00	00	FF	00E1C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E20	.RAD50	\XXX XX\
00	00	00	FF	00E24	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E28	.RAD50	\XXX XX\
00	00	00	FF	00E2C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E30	.RAD50	\XXX XX\
00	00	00	FF	00E34	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E38	.RAD50	\XXX XX\
00	00	00	FF	00E3C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E40	.RAD50	\XXX XX\
00	00	00	FF	00E44	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E48	.RAD50	\XXX XX\
00	00	00	FF	00E4C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E50	.RAD50	\XXX XX\
00	00	00	FF	00E54	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E58	.RAD50	\XXX XX\
00	00	00	FF	00E5C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E60	.RAD50	\XXX XX\
00	00	00	FF	00E64	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E68	.RAD50	\XXX XX\
00	00	00	FF	00E6C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E70	.RAD50	\XXX XX\
00	00	00	FF	00E74	.BYTE	-1, 0, 0, 0
03	D8	99	C8	00E78	.RAD50	\XXX XX\
00	00	00	FF	00E7C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E80	.RAD50	\XXX XX\
00	00	00	FF	00E84	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E88	.RAD50	\XXX XX\
00	00	00	FF	00E8C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E90	.RAD50	\XXX XX\
00	00	00	FF	00E94	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00E98	.RAD50	\XXX XX\
00	00	00	FF	00E9C	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00EA0	.RAD50	\XXX XX\
00	00	00	FF	00EA4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00EA8	.RAD50	\XXX XX\
00	00	00	FF	00EAC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00EB0	.RAD50	\XXX XX\
00	00	00	FF	00EB4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00EB8	.RAD50	\XXX XX\
00	00	00	FF	00EBC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00EC0	.RAD50	\XXX XX\
00	00	00	FF	00EC4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00EC8	.RAD50	\XXX XX\
00	00	00	FF	00ECC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00ED0	.RAD50	\XXX XX\
00	00	00	FF	00ED4	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00ED8	.RAD50	\XXX XX\
00	00	00	FF	00EDC	.BYTE	-1, 0, 0, 0
03	D8	99	D8	00EE0	.RAD50	\XXX XX\
00	00	00	FF	00EE4	.BYTE	-1, 0, 0, 0

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03	D8	99	D8	00EE8	.RAD50	\XXX XX\	
00	00	00	FF	00EEC	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00EF0	.RAD50	\XXX XX\	
00	00	00	FF	00EF4	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00EF8	.RAD50	\XXX XX\	
00	00	00	FF	00EFC	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F00	.RAD50	\XXX XX\	
00	00	00	FF	00F04	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F08	.RAD50	\XXX XX\	
00	00	00	FF	00F0C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F10	.RAD50	\XXX XX\	
00	00	00	FF	00F14	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F18	.RAD50	\XXX XX\	
00	00	00	FF	00F1C	.BYTE	-1, 0, 0, 0	
03	D3	99	D8	00F20	.RAD50	\XXX XX\	
00	00	00	FF	00F24	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F28	.RAD50	\XXX XX\	
00	00	00	FF	00F2C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F30	.RAD50	\XXX XX\	
00	00	00	FF	00F34	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F38	.RAD50	\XXX XX\	
00	00	00	FF	00F3C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F40	.RAD50	\XXX XX\	
00	00	00	FF	00F44	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F48	.RAD50	\XXX XX\	
00	00	00	FF	00F4C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F50	.RAD50	\XXX XX\	
00	00	00	FF	00F54	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F58	.RAD50	\XXX XX\	
00	00	00	FF	00F5C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F60	.RAD50	\XXX XX\	
00	00	00	FF	00F64	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F68	.RAD50	\XXX XX\	
00	00	00	FF	00F6C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F70	.RAD50	\XXX XX\	
00	00	00	FF	00F74	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F78	.RAD50	\XXX XX\	
00	00	00	FF	00F7C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F80	.RAD50	\XXX XX\	
00	00	00	FF	00F84	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F88	.RAD50	\XXX XX\	
00	00	00	FF	00F8C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F90	.RAD50	\XXX XX\	
00	00	00	FF	00F94	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00F98	.RAD50	\XXX XX\	
00	00	00	FF	00F9C	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00FA0	.RAD50	\XXX XX\	
00	00	00	FF	00FA4	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00FA8	.RAD50	\XXX XX\	
00	00	00	FF	00FAC	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00FB0	.RAD50	\XXX XX\	
00	00	00	FF	00FB4	.BYTE	-1, 0, 0, 0	
03	D8	99	D8	00FB8	.RAD50	\XXX XX\	
00	00	00	FF	00FBC	.BYTE	-1, 0, 0, 0	
32	F0	16	44	00FC0	.RAD50	\CVTHF \	
00	U0	02	42	00FC4	.BYTE	66, 2, 0, 0	
32	A0	16	44	00FC8	.RAD50	\CVTHD \	

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00	00	03	42	00FCC	.BYTE	66, 3, 0, 0	:
03	D8	99	D8	00FD0	.RAD50	\XXX XX\	:
00	00	00	FF	00FD4	.BYTE	-1, 0, 0, 0	:
03	D8	99	D8	00FD8	.RAD50	\XXX XX\	:
00	00	00	FF	00FDC	.BYTE	-1, 0, 0, 0	:
03	D8	99	D8	00FE0	.RAD50	\XXX XX\	:
00	00	00	FF	00FE4	.BYTE	-1, 0, 0, 0	:
03	D8	99	D8	00FE8	.RAD50	\XXX XX\	:
00	00	00	FF	00FEC	.BYTE	-1, 0, 0, 0	:
03	D8	99	D8	00FF0	.RAD50	\XXX XX\	:
00	00	00	FF	00FF4	.BYTE	-1, 0, 0, 0	:
03	D8	99	D8	00FF8	.RAD50	\XXX XX\	:
00	00	00	FF	00FFC	.BYTE	-1, 0, 0, 0	:
03	D8	99	D8	01000	.RAD50	\XXX XX\	:
00	00	00	FF	01004	.BYTE	-1, 0, 0, 0	:
03	D8	99	D8	01008	.RAD50	\XXX XX\	:
00	00	00	FF	0100C	.BYTE	-1, 0, 0, 0	:
				01010	.BLKB	8	:
6D	8A	0E	B5	01018	PAT\$GB_ALIAS::		:
			0012	0101C	.RAD50	\BNEQU \	:
			0012	0101C	.WORD	18	:
4E	48	0D	59	0101E	.RAD50	\BEQLU \	:
			0013	01022	.WORD	19	:
00	00	0C	FB	01024	.RAD50	\BCC \	:
			001E	01028	.WORD	30	:
00	00	0D	0B	0102A	.RAD50	\BCS \	:
			001F	0102E	.WORD	31	:
25	80	06	E4	01030	.RAD50	\ADDF \	:
			0040	01034	.WORD	64	:
25	80	7A	0A	01036	.RAD50	\SUBF \	:
			0042	0103A	.WORD	66	:
25	80	54	94	0103C	.RAD50	\MULF \	:
			0044	01040	.WORD	68	:
25	80	1A	7E	01042	.RAD50	\DIVF \	:
			0046	01046	.WORD	70	:
19	00	06	E4	01048	.RAD50	\ADDD \	:
			0060	0104C	.WORD	96	:
19	00	7A	0A	0104E	.RAD50	\SUBD \	:
			0062	01052	.WORD	98	:
19	00	54	94	01054	.RAD50	\MULD \	:
			0064	01058	.WORD	100	:
19	00	1A	7E	0105A	.RAD50	\DIVD \	:
			0066	0105E	.WORD	102	:
19	00	14	B2	01060	.RAD50	\CLRD \	:
			007C	01064	.WORD	124	:
2B	C0	14	B2	01066	.RAD50	\CLRG \	:
			007C	0106A	.WORD	124	:
06	E0	53	AE	0106C	.RAD50	\MOVAD \	:
			007E	01070	.WORD	126	:
07	58	53	AE	01072	.RAD50	\MOVAG \	:
			007E	01076	.WORD	126	:
32	2C	67	5B	01078	.RAD50	\PUSHAD\	:
			007F	0107C	.WORD	127	:
32	2F	67	5B	0107E	.RAD50	\PUSHAG\	:
			007F	01082	.WORD	127	:
0C	80	06	E4	01084	.RAD50	\ADDB \	:
			0080	01088	.WORD	128	:

0C	80	7A	0A	0108A	.RAD50	\SUBB	\
			0082	0108E	.WORD	130	
0C	80	54	94	01090	.RAD50	\MULB	\
			0084	01094	.WORD	132	
0C	80	1A	7E	01096	.RAD50	\DIVB	\
			0086	0109A	.WORD	134	
0C	80	0D	FB	0109C	.RAD50	\BISB	\
			0088	010A0	.WORD	136	
0C	80	0D	EB	010A2	.RAD50	\BICB	\
			008A	010A6	.WORD	138	
0C	80	98	6A	010A8	.RAD50	\XOPB	\
			008C	010AC	.WORD	140	
8F	CO	06	E4	010AE	.RAD50	\ADDW	\
			00A0	010B2	.WORD	160	
8F	CO	7A	0A	010B4	.RAD50	\SUBW	\
			00A2	010B8	.WORD	162	
8F	CO	54	94	010BA	.RAD50	\MULW	\
			00A4	010BE	.WORD	164	
8F	CO	1A	7E	010C0	.RAD50	\DIVW	\
			00A6	010C4	.WORD	166	
8F	CO	0D	FB	010C6	.RAD50	\BISW	\
			00A8	010CA	.WORD	168	
8F	CO	0D	EB	010CC	.RAD50	\BICW	\
			00AA	010D0	.WORD	170	
8F	CO	98	6A	010D2	.RAD50	\XORW	\
			00AC	010D6	.WORD	172	
4B	00	06	E4	010D8	.RAD50	\ADDL	\
			00C0	010DC	.WORD	192	
4B	00	7A	0A	010DE	.RAD50	\SUBL	\
			00C2	010E2	.WORD	194	
4B	00	54	94	010E4	.RAD50	\MULL	\
			00C4	010E8	.WORD	196	
4B	00	1A	7E	010EA	.RAD50	\DIVL	\
			00C6	010EE	.WORD	198	
4B	00	0D	FB	010F0	.RAD50	\BISL	\
			00C8	010F4	.WORD	200	
4B	00	0D	EB	010F6	.RAD50	\BICL	\
			00CA	010FA	.WORD	202	
4B	00	98	6A	010FC	.RAD50	\XORL	\
			00CC	01100	.WORD	204	
25	80	14	B2	01102	.RAD50	\CLRF	\
			00D4	01106	.WORD	212	
07	30	53	AE	01108	.RAD50	\MOVAF	\
			00DE	0110C	.WORD	222	
32	2E	67	5B	0110E	.RAD50	\PUSHAF	\
			00DF	01112	.WORD	223	
2B	CO	06	E4	01114	.RAD50	\ADDG	\
			40FD	01118	.WORD	16637	
2B	CO	7A	0A	0111A	.RAD50	\SUBG	\
			42FD	0111E	.WORD	17149	
2B	CO	54	94	01120	.RAD50	\MULG	\
			44FD	01124	.WORD	17661	
2B	CO	1A	7E	01126	.RAD50	\DIVG	\
			46FD	0112A	.WORD	18173	
32	00	06	E4	0112C	.RAD50	\ADDH	\
			60FD	01130	.WORD	24829	
32	00	7A	0A	01132	.RAD50	\SUBH	\

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32 00 54 62FD 01136 .WORD 25341
          94 01138 .RAD50 \MULH \
32 00 1A 64FD 0113C .WORD 25853
          7E 0113E .RAD50 \DIVH \
32 00 14 66FD 01142 .WORD 26365
          B2 01144 .RAD50 \CLRH \
07 80 53 7CFD 01148 .WORD 31997
          AE 0114A .RAD50 \MOVAH \
32 30 67 7EFD 0114E .WORD 32509
          5B 01150 .RAD50 \PUSHAH\
          7FFD 01154 .WORD 32765

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PAT\$GB\_OPINFO== 0

PSECT SUMMARY

Name	Bytes	Attributes
PAT\$GLOBAL	4438	NOVEC, WRT, RD, NOEXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)
ABS	0	NOVEC, NOWRT, NORD, NOEXE, NOSHR, LCL, ABS, CON, NOPIC, ALIGN(0)

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/VARIANT:1/LIS=LIS\$:PATINS/OBJ=OBJ\$:PATINS MSRCS: PATINS/UPDATE=(ENHS: PATINS)

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: Size:          0 code + 4438 data bytes
: Run Time:      00:51.2
: Elapsed Time:  02:44.8
: Lines/CPU Min: 1122
: Lexemes/CPU-Min: 49643
: Memory Used:  119 pages
: Compilation Complete

```

The image displays a grid of 100 small, faint terminal window screenshots, arranged in 10 rows and 10 columns. Each window appears to be a data display or report from a VAX/VMS system. Several windows are clearly labeled with titles such as 'PATERR LIS', 'PATINT LIS', 'PATINH LIS', 'PATEXA LIS', and 'PATFRE LIS'. The content within these windows is mostly illegible due to the low resolution and fading, but they appear to contain structured data, possibly patient lists or medical records, given the 'LIS' (List) suffix in the titles. The overall appearance is that of a dense array of data outputs from a legacy computer system.