

0	LD	X000
1	OR	Y000
2	ANI	X012
3	OUT	Y000
4	LD	X001
5	OR	Y001
6	ANI	X013
7	OUT	Y001
8	LD	X002
9	OR	Y002
10	ANI	X014
11	OUT	Y002
12	LD	X003
13	OR	Y003
14	ANI	X015
15	OUT	Y003
16	LD	Y012
17	OR	M10
18	ANI	Y013
19	OUT	M10
20	LD	Y013
21	OR	M11
22	ANI	Y012
23	OUT	M11
24	LD	X012
25	LDI	Y004
26	ANI	Y000
27	AND	X013
28	ORB	
29	LD	M10
30	AND	X013
31	ORB	
32	LDI	Y004
33	ANI	Y000
34	ANI	Y001
35	ANI	Y005
36	ANI	Y006
37	AND	X014
38	ORB	
39	LD	M10
40	AND	X014
41	ORB	
42	LD	Y003
43	OR	Y011
44	ANB	
45	OR	M0
46	ANI	X015
47	OUT	M0
48	LD	Y002
49	OR	Y007
50	OR	Y010
51	LD	X012
52	LDI	Y004
53	ANI	Y000
54	AND	X013
55	ORB	
56	LD	M10
57	AND	X013
58	ORB	
59	ANB	
60	OR	M1
61	ANI	X014
62	OUT	M1
63	LD	Y001
64	OR	Y005
65	OR	Y006
66	AND	X012
67	OR	M2
68	ANI	X013
69	OUT	M2
70	LD	X013
71	OR	X014
72	OR	X015
73	LD	Y000
74	OR	Y004
75	ANB	
76	OR	M3
77	ANI	X012
78	OUT	M3
79	LD	Y001
80	OR	Y005
81	OR	Y006

82	LD	X014
83	OR	X015
84	ANB	
85	OR	M4
86	ANI	X013
87	OUT	M4
88	LD	Y002
89	OR	Y007
90	OR	Y010
91	AND	X015
92	OR	M5
93	ANI	X014
94	OUT	M5
95	LD	M0
96	OR	M1
97	OR	M2
98	AND	X017
99	ANI	Y013
100	ANI	M6
101	OUT	Y012
102	LD	M3
103	OR	M4
104	OR	M5
105	AND	X017
106	ANI	Y012
107	ANI	M6
108	OUT	Y013
109	LD	X000
110	OR	X004
111	AND	X012
112	LD	X001
113	OR	X005
114	OR	X006
115	AND	X013
116	ORB	
117	LD	X002
118	OR	X007
119	OR	X010
120	AND	X014
121	ORB	
122	LD	X003
123	OR	X011
124	AND	X015
125	ORB	
126	OR	Y014
127	ANI	X016
128	OUT	Y014
129	LDF	Y001
131	ORF	Y006
133	ORF	Y005
135	ORF	Y002
137	ORF	Y010
139	ORF	Y007
141	ORF	Y004
143	ORF	Y000
145	ORF	Y003
147	ORF	Y011
149	OR	Y014
150	MPS	
151	ANI	X016
152	OUT	Y014
153	MPP	
154	SET	M6
155	LD	X016
156	OUT	T0
159	LD	T0
160	OR	Y015
161	ANI	X017
162	MPS	
163	ANI	Y014
164	OUT	Y015
165	MPP	
166	RST	M6
167	LD	M10
168	MPS	
169	AND	X013
170	ANI	Y007
171	ANI	Y010
172	ANI	Y002
173	ANI	Y011
174	ANI	Y003
175	ANI	Y006

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176	ANDF	Y015
178	OUT	M12
179	MPP	
180	AND	X014
181	ANI	Y011
182	ANI	Y003
183	ANI	Y010
184	ANDF	Y015
186	OUT	M13
187	LD	M11
188	MPS	
189	AND	X013
190	ANI	Y004
191	ANI	Y000
192	ANI	Y005
193	ANDF	Y015
195	OUT	M14
196	MPP	
197	AND	X014
198	ANI	Y005
199	ANI	Y006
200	ANI	Y001
201	ANI	Y004
202	ANI	Y000
203	ANI	Y007
204	ANDF	Y015
206	OUT	M15
207	LD	X004
208	OR	Y004
209	ANI	X012
210	OUT	Y004
211	LD	X006
212	OR	Y006
213	LD	M11
214	ANI	M14
215	ORI	X013
216	ANB	
217	OUT	Y006
218	LD	X005
219	OR	Y005
220	LD	M10
221	ANI	M12
222	ORI	X013
223	ANB	
224	OUT	Y005
225	LD	X010
226	OR	Y010
227	LD	M11
228	ANI	M15
229	ORI	X014
230	ANB	
231	OUT	Y010
232	LD	X007
233	OR	Y007
234	LD	M10
235	ANI	M13
236	ORI	X014
237	ANB	
238	OUT	Y007
239	LD	X011
240	OR	Y011
241	ANI	X015
242	OUT	Y011
243	END	