seav	40	ALU_MODE	37	JEE 36	JGZ 35	CHKEF 34	3.3	U Loc	opback	90	29		22	26			23		2	Contro	1 BUS				14 .	3		10		8	Control Branch Address	0
41 seav	40	ALU_MODE	37	JEE	JGZ	34			ntrol		ALU S	ontrol	trol		C Contro				Contro		Mik	ak acs				SAR BUS I		IR B	Ontrol		Control Branch Address Branch Address	0
RESV 0	0	ALU_MODE	0	JEI	JGZ 0	CHKEF	INC 1	0 P	102	RST	PEND	RW 0	EN 0	INC S	PEND	PW 1	IN PE	OND S	0 0	0	20	w	PEND	RM O	EN P	END PR	EN	PEND	RM O	EN C	Address 0	
0	0	0 0	0	0 0	0 0	0	1	0	0	0	0	0	0	1			1 0		0 0		0	0	0			1 0		0	0	0	0	
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0	0	0 0	0	0 0	0 0	0	0	0	1 0	0	0	0					0 0		0 0		0	0	0			0 0		0 0	0	0	48	LOAD
0	0	0 0	0	0 0	0 0	0	0	0	1 0	0	0	0	0	0	0	0	0 0	0	0 0	٥	0	0	0	0	0	0 0	0	0 0	0	0	54	STORE
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N.	ASM	HEX	OPERATION	CONDITION
	LOAD X	1	[X]->ACC	
	STORE X	3	ACC->[X]	
	ADD X	5	ACC+[X]->ACC	
	SUB X	2	ACC-[X]->ACC	
	MUL X	9	ACC*[X]->ACC	
	INC	on	ACC+1->ACC	
	DEC	OD	ACC-1->ACC	
	JMP X	OF	[X]->PC	
	JGI X	11	[X]->PC	ACC > 0
	JEZ X	13	[X]->PC	ACC = 0
	AND X	15	ACC&[X]->ACC	
	OR X	17	ACC4[X]->ACC	
	NOT	19	~ACC->ACC	
	XOR X	18	ACC^[X]->ACC	
	ROL	10	ACC << 1->ACC	
	ROR	15	ACC >> 1->ACC	
	HALT	21	Halt	

ROR 1F

LOAD X	1
STORE X	3
ADD X	5
sum x	7
ADD X	5
MUL X	9
INC	OB
DEC	OD
MUL X	9
JMP X	OF
JGZ X	11
JEZ X	13
AND X	15
OR X	17
JMP X	OF
NOT	19
XOR X	111
ROL	10
JEZ X	13
ROR	15
AND X	15
HALT	21

0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0
0 0 1 0 0 0 0 0 0
1 0 1 0 1 1 1 0 1 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 1 1 0 1
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0 0 0 0 11 11 0 0 0 0 0 0 11 11
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