1	MIX Alphameric Codes											INSTR.FORMAT				OPERATION		
SYMBOL		CODE									A	\ I	F	С	ABR	DF	NAME	
	Computer	Paper Tape								_	aaa				NOP	0	NO OPERATION	
MIX	and	Н	Channel				Punch	± ±			L:R 06	01 01	ADD FADD	0:5	ADD FLOATING ADD			
and	Magnetic	Н	Г	<u> </u>	<u> </u>		\Box			_	aaa		L:R	02	SUB	0:5	SUBTRACT	
Printer	Tape	Х	0	С	8	4	2	1	Card	_			06	02	FSUB		FLOATING SUBTRACT	
(Space)	00			٧			П		(Blank)		aaa			03	MUL	0:5	MULTIPLY	
A	01	Χ	0					1	12 1	_	aaa		06	03	FMUL	0.5	FLOATING MULTIPLY	
В	02	Χ	0				2		12 2		aaa		L:R 06	04 04	DIV FDIV	0:5	DIVIDE FLOATING DIVIDE	
С	03	Χ	0	V			2	1	12 3	±			00	05	NUM		CONVERT TO NUMERIC	
D	04	Χ	0			4			12 4	±	aaa		01	05	CHAR		CONVERT TO CHARACTERS	
E	05	Χ	0	V		4		1	12 5	±		-	02	05	HLT		HALT	
F	06	Χ	0			4	2		12 6		aaa		03	05	AND		LOGICAL PRODUCT	
G	07	Χ	0			4	2	1	12 7		aaa		04 05	05 05	OR XOR	-	LOGICAL SUM LOGICAL DIFFERENCE	
Н	10	Χ	0		8				12 8	_	aaa	_	06	05	FLOT		FIXED TO FLOAT	
	11	Χ	0	V	8			1	12 9		aaa		07	05	FIX		FLOATING TO FIXED	
Δ	12	Χ							11	±			10	05	NEG		LOGICAL NEGATION	
J	13	Χ		V				1	11 1		aaa		11 12	05 05	INT		INTERRUPT	
K	14	Χ	L	√			2		11 2	_	aaa	_	13	05	XCH	-	EXCHANGE A AND X EXECUTE	
L	15	Χ		L			2	1	11 3		aaa		00	06	SLA		SHIFT LEFT A	
M	16	Χ		√		4			11 4		aaa		01	06	SRA		SHIFT RIGHT A	
N	17	Χ				4		1	11 5	_	aaa		02	06	SLAX		SHIFTLEFTAX	
0	20	Χ		L.		4	2		11 6			-	03	06	SRAX		SHIFT RIGHT AX	
Р	21	Х	L	V	L	4	2	1	11 7		aaa		04 05	06 06	SLC SRC		SHIFT LEFT AX CIRCULARLY SHIFT RIGHT AX CIRCULARLY	
Q	22	Χ	L	√	8		Ш		11 8		aaa		06	06	SLB		SHIFT LEFT LOGICAL AX	
R	23	Χ	L	┖	8	L	Щ	1	11 9	±			07	06	SRB		SHIFT RIGHT LOGICAL AX	
Σ	24		0	L,	8		2		0 2-8	±		_	N	07	MOVE		MOVE WORDS	
П	25		0	V				1	0 1	±			L:R			0:5	LOAD	
S	26	L	0	√	L	L	2		0 2		aaa	_		20+[r] 30+[r]	LD[r]N ST[r]	0:5	LOAD r NEGATIVE STORE	
T	27		0	_	L	L	2	1	0 3	_	aaa	_	L:R	40	STJ	0:2	ISTORE J	
U	30		0	٧	L	4			0 4		aaa		L:R	41	STZ	0:5	STORE ZERO	
V	31	L	0			4		1	0 5	±			U	42	JBUS	0	JUMP BUSY	
W	32		0	,	L	4	2		0 6	_	aaa			43	IOC	0	I/O CONTROL	
X	33	L	0	√	Ļ	4	2	1	0 7	±	aaa		U	44 45	IN OUT	0	INPUT IOUTPUT	
<u>Y</u>	34	L	0	٧	8	<u> </u>	Н		0 8		aaa		Ŭ	46	JRED	0	JUMP READY	
Z 2	35		0	./	8		Ļ	1	0 9		aaa		00	47	JMP		JUMP	
0 (Zero)	36			٧	8	_	2	_	0	±			01	47	JSJ		JUMP SAVE J	
1	37				L	_	H	1	1	_	aaa		02	47	JOV		JUMP ON OVERFLOW	
2	40	L	L	V	L	L	2	1	2		aaa			47 47	JNOV JL		JUMP ON NO OVERFLOW JUMP ON LESS	
3	41	H	⊢	ľ	\vdash	ļ_	2	_	3		aaa		05	47	JE		JUMP ON EQUAL	
4	42			V	H	4	Н	1	4	±	aaa	ıa i	06	47	JG		JUMP ON GREATER	
5	43	H	H	v √	H	_	٦	_	5		aaa			47	JGE		JUMP ON GREATER-OR-EQUA	
<u>6</u> 7	44 45	H	\vdash	 '	H	4	2	1	6 7		aaa			47 47	JNE	<u> </u>	JUMP ON UNEQUAL JUMP ON LESS-OR-EQUAL	
8	45	\vdash	\vdash	\vdash	8	4	Н	러	8		aaa			50+[r]			JUMP r NEGATIVE	
9	47	\vdash	\vdash	V	8	\vdash	Н	1	9	±	aaa	a i	01	50+[r]			JUMP r ZERO	
	50	Y	0	ť	8	\vdash	2	1	12 3-8		aaa			50+[r]			JUMP r POSITIVE	
	51		0	V	8	4	H	÷	12 4-8	<u></u>	aaa				J[r]NN		JUMP r NONNEGATIVE	
· · · · · · · · · · · · · · · · · · ·	52	_	0	Ė	8		H	1	12 5-8		aaa			50+[r] 50+[r]		1	JUMP r NONZERO JUMP r NONPOSITIVE	
	53		ō	H	8		2	÷	12 6-8					50+[r]	J[r]E		JUMP r EVEN	
+	54	X	Ť	V	8	Ė	2	1	11 3-8	±	aaa	ıa i	07	50+[r]	J[r]O		JUMP r ODD	
	55	X			_	4	H		11 4-8	±	aaa				INC[r]		INCREASE r	
*	56	X		V		4	H	1	11 5-8		aaa	a i	U1	60+[r] 60+[r]	DEC[r] ENT[r]		DECREASE r ENTER r	
	57	X		V		4	2	Ŧ	11 6-8	±	ada	ia I	02		ENN[r]		ENTER REGATIVE r	
=	60	Ė	0	V	8	Ė	2	1	0 3-8						CPM[r		COMPARE r WITH M	
\$	61	Г	ō	Г	_	4	П	Ť	0 4-8	±	aaa	ıa i	L:R	70+[r]	CMP[r	0:5	COMPARE r	
<	62	Г	0	V	8	_	H	1	0 5-8	±	aaa	ıa i	06	70	FCMP		FLOATING COMPARE	
>	63	Ī	0	_	8		2		0 6-8	[r]:	: rA=	0, r	11, rī2	2, rl3 <u>,</u> rl	14, rl5 <u>, rl</u>	b, rX=	7, i: I1:I2, 7 is indirect addressing	
@	64	Г	Г	Т	8	Т	2	1	3-8									
;	65	Г	Г	√	8	4	П		4-8									
:	66	Г			_	4	П	1	5-8									
1	67				8	4	2		6-8									
				_														