COMPARE INSTRUCTIONS														
Oper	On Code Adr Instruction Format							Status Reg.					Α	Explanation
Spel	Op Code	met	1. Byte	2. By	te	3. Byte	4. Byte	Т	S	N	Y E			
	Ki,V	٧	0001110	00000	Ki	Data		*	\$	\$	♦ (2	Ki - V
	Ki,Kj	L	0 1 0 1 1 1 0	0 0 Ki	Kj			*	\$	\$	♦ (2	Ki - Kj
	Ki, <adr></adr>	D	0001110	00100	Ki	Adr (H)	Adr (L)	*	\$	\$	♦ (3	Ki - <adr></adr>
	Ki, <cd></cd>	Κ	0001110	0 1 0 0 0	Ki			*	\$	*	♦ (3	Ki - < <cd>></cd>
CMP	Ki, <sk+s></sk+s>	S	0001110	0 1 1 0 0	Ki	Š.		\$	\$	\$	\$ {		4	Ki - <\$K+\$>
CIVIP	Ki, < \$K+\$>+R	R	0 0 0 1 1 1 0	10000	Ki	S	R	•	\$	\$	♦	}	5	$Ki - \langle SK + S \rangle + R$
	Ki, <sk+s>-R</sk+s>	Z	0 0 0 1 1 1 0	10100	Ki	S	R	*	\$	\$	\$ 4)	5	Ki - <sk+s> - R</sk+s>
	Ki, <sk+cd+s></sk+cd+s>	С	0 0 0 1 1 1 0	11000	Ki	S		*	#	\$	\$	}	6	Ki - <\$K+CD+\$>
	Ki, <yg+\$></yg+\$>	Υ	0001110	11100	Ki	S		*	\$	\$	\$ (5	Ki - <yg+\$></yg+\$>
	Kii,VV	٧	0 0 1 1 1 1 0	00000	Kii	Data (H)	Data (L)	*	\$	\$	- (•	4	Kii - VV
ı	Kii,Kjj	L	0 1 1 1 1 1 0	0 0 Kii	Kjj			*	\$	\$	- (4	Kii - Kjj
	Kii, <adr></adr>	D	0 0 1 1 1 1 0	00100	Kii	Adr (H)	Adr (L)	•	#	\$	-	•	5	Kii - (<adr>+<adr+1>)</adr+1></adr>
CMP	Kii, <cd></cd>	K	0 0 1 1 1 1 0	01000	Kii			\$	\$	\$	- 4	•	5	Kii - (< <cd>>+<<cd+1>>)</cd+1></cd>
CIVII	Kii, < SK+S>	S	0 0 1 1 1 1 0	01100	Kii	S		\$	#	\$	-	•	6	Kii - (<\$K+\$>+<\$K+\$+1>)
	Kii, < SK+S>+R	R	0 0 1 1 1 1 0	10000	Kii	S	R	*	\$	\$	- (7	Kii - (<\$K+\$>+<\$K+\$>) +R
ı	Kii, < SK+S>-R	Z	0 0 1 1 1 1 0	10100	Kii	S	R	\$	\$	\$	- 4	•	7	Kii - (<\$K+\$>+>\$K+\$+1>) - R
ı	Kii, < SK+CD+S>	U	0 0 1 1 1 1 0	11000	Kii	S		*	\$	\$	- (•	8	Kii - (<\$K+CD+\$>+<\$K+CD+\$+1>
ı	Kii, <yg+\$></yg+\$>	Υ	0 0 1 1 1 1 0	11100	Kii	S		\$	\$	\$	- 4	•	7	Kii - (<yg+\$>+<yg+\$>)</yg+\$></yg+\$>
	Ki,V	٧	0 0 0 1 1 1 0	00000	Ki	Data		-	\$	\$		•	2	Ki • V
	Ki,Kj	L	0 1 0 1 1 1 0	0 0 Ki	Kj			-	\$	\$		•	2	Ki • Ki
	Ki, <adr></adr>	D	0 0 0 1 1 1 0	00100	Ki	Adr (H)	Adr (L)	-	\$	\$		•	3	Ki • < Adr>
DIT	Ki, <cd></cd>	K	0 0 0 1 1 1 0	01000	Ki			-	\$	\$		•	3	Ki •< <cd>></cd>
BIT	Ki, <sk+s></sk+s>	S	0 0 0 1 1 1 0	01100	Ki	S		-	\$	\$		•	4	Ki • < \$K+\$>
	Ki, <sk+s>+R</sk+s>	R	0 0 0 1 1 1 0	10000	Ki	S	R	-	\$	\$		•	5	Ki • < SK+S> +R
	Ki, <sk+s>-R</sk+s>	Z	0001110	10100	Ki	S	R	-	\$	\$		•	5	Ki • < SK+S> - R
	Ki,<\$K+CD+\$>	U	0 0 0 1 1 1 0	11000	Ki	S		-	\$	\$		•	6	Ki • < SK+CD+S>
	Ki, <yg+\$></yg+\$>	Υ	0001110	11100	Ki	S		-	\$	\$		•	5	Ki • <yg+\$></yg+\$>

JUMP & BRANCH INSTRUCTIONS									
Op Code	Adr met	Instruction Format 1. Byte 2. Byte 3. Byte 4. Byte	А	Explanation					
BRA V	В	1 0 0 0 0 0 0 Step count	2	Branch Always (V step)					
JMP Adr	D	0 0 0 1 1 1 1 0 0 0 1 0 1 Adr (H) Adr (L)	2	Jump Always (To address)					
JMC S,Adr	D	0 0 0 1 1 1 1 1 0 0 1 1 1 0 1 1 Adr (H) Adr (L)	3	S=1 => jump to address					
JMC N,Adr	D	0 0 0 1 1 1 1 1 0 0 1 1 1 0 1 0 Adr (H) Adr (L)	3	N=1 => jump to address					
JMC E,Adr	D	0 0 0 1 1 1 1 1 0 0 1 1 1 0 0 0 Adr (H) Adr (L)	3	E=1 => jump to address					
JMC T,Adr	D	0 0 0 1 1 1 1 1 0 0 1 1 1 1 0 0 Adr (H) Adr (L)	3	T=1 => jump to address					
BEQ	В	1 0 0 0 0 0 1 Step count	2	Branch if equal (V step)					
BNE	В	1 0 0 0 0 0 1 0 Step count	2	Branch if not equal (V step)					
BGT V	В	1 0 0 0 0 0 1 1 Step count	2	Branch if greater (V step)					
BGE V	В	1 0 0 0 0 1 0 0 Step count	2	Branch if greater or equal					
BLS V	В	1 0 0 0 0 1 0 1 Step count	2	Branch if less than					
BHI V	В	1 0 0 0 0 1 1 0 Step count	2	Branch if higher					
BHE V	В	1 0 0 0 0 1 1 1 1 Step count	2	Branch if higher or equal					
BLO V	В	1 0 0 0 1 0 0 0 Step count	2	Branch if lower					
BIO V	В	1 0 0 0 1 0 0 1 Step count	2	T=1 => jump V step					
BNO V	В	1 0 0 0 1 0 1 0 Step count	2	T=0 => jump V step					
BIC V	В	1 0 0 0 1 0 1 1 Step count	2	E=1 => jump V step					
BNC V	В	1 0 0 0 1 1 0 0 Step count	2	E=0 => jump V step					
BIH V	В	1 0 0 0 1 1 0 1 Step count	2	Y=1 => jump V step					
BNH V	В	1 0 0 0 1 1 1 0 Step count	2	Y=0 => jump V step					
BSR V	В	1 0 0 0 1 1 1 1 Step count	2	Branch to subprogram (V step)					
JSR Adr	D	0 0 0 1 0 1 0 0 0 0 1 0 1 Adr (H) Adr (L)	5	Branch to subprogram (Address)					
BSC S,V	В	1 0 0 1 0 0 1 1 Step count	6	S=1 => jump to subprogram (V step)					
BSC N,V	В	1 0 0 1 0 0 1 0 Step count	6	N=1 = > jump to subprogram (V step)					
BSC E,V	В	1 0 0 1 0 0 0 0 Step count	6	E=1 = > jump to subprogram (V step)					
BSC T,V	В	1 0 0 1 0 1 0 0 Step count	6	T=1 => jump to subprogram (V step)					
BSC S,Adr	D	0 0 0 1 0 1 0 1 0 0 1 1 1 0 1 1 Adr (H) Adr (L)	6	S=1 => jump to subprogram (Address)					
BSC N,Adr	D	0 0 0 1 0 1 0 1 0 0 1 1 1 0 1 0 Adr (H) Adr (L)	6	N=1 => jump to subprogram (Address)					
BSC E,Adr	D	0 0 0 1 0 1 0 1 0 0 1 1 1 0 0 0 Adr (H) Adr (L)	6	E=1 => jump to subprogram (Address)					
BSC T,Adr	D	0 0 0 1 0 1 0 1 0 0 1 1 1 1 0 0 Adr (H) Adr (L)	6	T=1 => jump to subprogram (Address)					
DBNZ Ki,V	В	1 1 0 0 0 1 1 0 0 1 Ki Step count	8	Decrease Ki, branch if not zero (V step)					
DBNZ <adr>,V</adr>	В	1 1 0 0 0 1 1 1 1 Step count Adr (H) Adr (L)	9	Decrease M[adr], branch if not zero (V step					