Instr.	uInstr.	Addr.	MDR	MARPC	MARDR	MARSP	PCINC	PCCLR	DRM	DRA	ADR	PLUS	EXOR	ZVNOT	ZV	SPDR	SPDEC	SPINC	RA	IRDR	JUMP	JUMPZ	SEL	ADDR
FETCH	FETCH1	10	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00010001
	FETCH2	11	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00010010
	FETCH3	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	00000000
NOP	NOP1	00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00010000
LOAD	LOAD1	20	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00100001
	LOAD2	21	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00100010
	LOAD3	22	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00100011
	LOAD4	23	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00100100
	LOAD5	24	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	00010000
STORE	STORE1	30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00110001
	STORE2	31	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00110010
	STORE3	32	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00110011
	STORE4	33	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	00110100
	STORE5	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00010000
MOVE	MOVE1	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	00010000
ADD	ADD1	50	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	00010000
XOR	XOR1	60	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	00010000
TESTNZ	TESTNZ1	70	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	00010000
TESTZ	TESTZ1	71	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	00010000
JUMPX	JUMPX1	80	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10000001
	JUMPX2	81	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10000010
	JUMPX3	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	00010000
JUMPZX	JUMPZX1	90	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10010001
	JUMPZX2	91	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10010010
	JUMPZX3	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	00010000
LOADSPX	LOADSPX1	B0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10110001
	LOADSPX2	B1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10110010
	LOADSPX3	B2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	00010000
PEEK	PEEK1	C0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11000001
	PEEK2	C1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11000010
	PEEK3	C2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	00010000
PUSH	PUSH1	D0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	11010001
	PUSH2	D1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	11010010
	PUSH3	D2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00010000
POP	POP1	E0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11100001
	POP2	E1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11100010
	POP3	E2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	11100011
	POP4	E3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	00010000
HALT	HALT	F0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00010000