HI/LO	0	1	2	3	4	5	6	7
0	RET	MOV Rn, Rn	MOV @Rn, Rn	MOV Rn, @Rn	MOV +@Rn, Rn	MOV Rn, +@Rn	PUSH Rn	POP Rn
10	INC Rn, #COUNT	DEC Rn, #COUNT	ADD Rn, Rn	ADC Rn, Rn	SUB Rn, Rn	SBC Rn, Rn	SMUL Rn, Rn	UMUL Rn, Rn
20	MOVL R0, #VAL	MOVL R1, #VAL	MOVL R2, #VAL	MOVL R3, #VAL	MOVL R4, #VAL	MOVL R5, #VAL	MOVL R6, #VAL	MOVL R7, #VAL
30	MOVH R0, #VAL	MOVH R1, #VAL	MOVH R2, #VAL	MOVH R3, #VAL	MOVH R4, #VAL	MOVH R5, #VAL	MOVH R6, #VAL	MOVH R7, #VAL
40	MOV R0, #VAL	MOV R1, #VAL	MOV R2, #VAL	MOV R3, #VAL	MOV R4, #VAL	MOV R5, #VAL	MOV R6, #VAL	MOV R7, #VAL
50	BPL R0, LABEL	BPL R1, LABEL	BPL R2, LABEL	BPL R3, LABEL	BPL R4, LABEL	BPL R5, LABEL	BPL R6, LABEL	BPL R7, LABEL
60	BMI R0, LABEL	BMI R1, LABEL	BMI R2, LABEL	BMI R3, LABEL	BMI R4, LABEL	BMI R5, LABEL	BMI R6, LABEL	BMI R7, LABEL
70	BEQ R0, LABEL	BEQ R1, LABEL	BEQ R2, LABEL	BEQ R3, LABEL	BEQ R4, LABEL	BEQ R5, LABEL	BEQ R6, LABEL	BEQ R7, LABEL
80	BNE R0, LABEL	BNE R1, LABEL	BNE R2, LABEL	BNE R3, LABEL	BNE R4, LABEL	BNE R5, LABEL	BNE R6, LABEL	BNE R7, LABEL
90	BM1 R0, LABEL	BM1 R1, LABEL	BM1 R2, LABEL	BM1 R3, LABEL	BM1 R4, LABEL	BM1 R5, LABEL	BM1 R6, LABEL	BM1 R7, LABEL
A0	BNM1 R0, LABEL	BNM1 R1, LABEL	BNM1 R2, LABEL	BNM1 R3, LABEL	BNM1 R4, LABEL	BNM1 R5, LABEL	BNM1 R6, LABEL	BNM1 R7, LABEL
В0	BRA LABEL	BRA LABEL	BRA LABEL	BRA LABEL	BRA LABEL	BRA LABEL	BRA LABEL	BRA LABEL
C0	BCS LABEL	BCS LABEL	BCS LABEL	BCS LABEL	BCS LABEL	BCS LABEL	BCS LABEL	BCS LABEL
D0	BCC LABEL	BCC LABEL	BCC LABEL	BCC LABEL	BCC LABEL	BCC LABEL	BCC LABEL	BCC LABEL
E0	MOV LABEL, R0	MOV LABEL, R1	MOV LABEL, R2	MOV LABEL, R3	MOV LABEL, R4	MOV LABEL, R5	MOV LABEL, R6	MOV LABEL, R7
F0	MOV R0, LABEL	MOV R1, LABEL	MOV R2, LABEL	MOV R3, LABEL	MOV R4, LABEL	MOV R5, LABEL	MOV R6, LABEL	MOV R7, LABEL
HI/LO	8	9	٨	В	С	D	E	F
0	CLR Rn	SWAP Rn, Rn	A AND Rn, Rn	OR Rn, Rn	XOR Rn, Rn	JSR LABEL	E RTS	JMP LABEL
10	ASL Rn, #COUNT	ASR Rn, #COUNT	LSL Rn, #COUNT	LSR Rn, #COUNT	ROL Rn, #COUNT	RLC Rn, #COUNT	ROR Rn, #COUNT	RRC Rn, #COUNT
20	MOVL R8, #VAL	MOVL R9, #VAL	MOVL R10, #VAL	MOVL R11, #VAL	MOVL R12, #VAL	MOVL R13, #VAL	MOVL R14, #VAL	MOVL R15, #VAL
30	MOVE RO, #VAL	MOVH R9, #VAL	MOVH R10, #VAL	MOVE R11, #VAL	MOVH R12, #VAL	MOVH R13, #VAL	MOVE R14, #VAL	MOVH R15, #VAL
40	MOV R8, #VAL	MOV R9, #VAL	MOV R10, #VAL	MOV R11, #VAL	MOV R12, #VAL	MOV R13, #VAL	MOV R14, #VAL	MOV R15, #VAL
50	BPL R8, LABEL	BPL R9, LABEL	BPL R10, LABEL	BPL R11, LABEL	BPL R12, LABEL	BPL R13, LABEL	BPL R14, LABEL	BPL R15, LABEL
60	BMI R8, LABEL	BMI R9, LABEL	BMI R10, LABEL	BMI R11, LABEL	BMI R12, LABEL	BMI R13, LABEL	BMI R14, LABEL	BMI R15, LABEL
70	BEQ R8, LABEL	BEQ R9, LABEL	BEQ R10, LABEL	BEQ R11, LABEL	BEQ R12, LABEL	BEQ R13, LABEL	BEQ R14, LABEL	BEQ R15, LABEL
80	BNE R8, LABEL	BNE R9, LABEL	BNE R10, LABEL	BNE R11, LABEL	BNE R12, LABEL	BNE R13, LABEL	BNE R14, LABEL	BNE R15, LABEL
90	BM1 R8, LABEL	BM1 R9, LABEL	BM1 R10, LABEL	BM1 R11, LABEL	BM1 R12, LABEL	BM1 R13, LABEL	BM1 R14, LABEL	BM1 R15, LABEL
A0	BNM1 R8, LABEL	BNM1 R9, LABEL	BNM1 R10, LABEL	BNM1 R11, LABEL	BNM1 R12, LABEL	BNM1 R13, LABEL	BNM1 R14, LABEL	BNM1 R15, LABEL
В0	BRA LABEL	BRA LABEL	BRA LABEL	BRA LABEL	BRA LABEL	BRA LABEL	BRA LABEL	BRA LABEL
C0	BCS LABEL	BCS LABEL	BCS LABEL	BCS LABEL	BCS LABEL	BCS LABEL	BCS LABEL	BCS LABEL
D0	BCC LABEL	BCC LABEL	BCC LABEL	BCC LABEL	BCC LABEL	BCC LABEL	BCC LABEL	BCC LABEL
E0	MOV LABEL, R8	MOV LABEL, R9	MOV LABEL, R10	MOV LABEL, R11	MOV LABEL, R12	MOV LABEL, R13	MOV LABEL, R14	MOV LABEL, R15
F0	MOV R8, LABEL	MOV R9, LABEL	MOV R10, LABEL	MOV R11, LABEL	MOV R12, LABEL	MOV R13, LABEL	MOV R14, LABEL	MOV R15, LABEL