Code	Instruction	Mo	D	S	Name	Instruction
00 X X	0 0 0 0 0 0	X X	X	X	…	BRK, INT, NOP, Expansion
04 X X	0 0 0 0 0 **1**	X X	X	X	…	RET, IRET, HLT, WAIT
08 X X	0 0 0 0 **1** 0	X X	X	X	CALL	Function Call
0C X X	0 0 0 0 **1 1**	X X	X	X	JMP	Jump Unconditional
10 X X	0 0 0 **1** 0 0	X X	X	X	JZ	Jump Zero
14 X X	0 0 0 **1** 0 **1**	X X	X	X	JC	Jump Carry
18 X X	0 0 0 **1 1** 0	X X	X	X	JS	Jump Sign
1C X X	0 0 0 **1 1 1**	X X	X	X	JO	Jump Overflow
20 X X	0 0 **1** 0 0 0	X X	X	X	JP	Jump Parity
24 X X	0 0 **1** 0 0 **1**	X X	X	X	JNZ	Jump Not Zero
28 X X	0 0 **1** 0 **1** 0	X X	X	X	JNC	Jump Not Carry
2C X X	0 0 **1** 0 **1 1**	X X	X	X	…	Rotate and Shift
30 X X	0 0 **1 1** 0 0	X X	X	X	MOV, XCHG, LEA, MOVF	Move, Exchange, Load Effective Address, Move Flags
34 X X	0 0 **1 1** 0 **1**	X X	X	X		
38 X X	0 0 **1 1 1** 0	X X	X	X		
3C X X	0 0 **1 1 1 1**	X X	X	X		
40 X X	0 **1** 0 0 0 0	X X	X	X	PUSH, PUSHF,	Push, Push Flags, Pop Flags
44 X X	0 **1** 0 0 0 **1**	X X	X	X		
48 X X	0 **1** 0 0 **1** 0	X X	X	X	POP, PUSH	Pop, Push
4C X X	0 **1** 0 0 **1 1**	X X	X	X		
50 X X	0 **1** 0 **1** 0 0	X X	X	X	INC	Arithmetic Increment
54 X X	0 **1** 0 **1** 0 **1**	X X	X	X		
58 X X	0 **1** 0 **1 1** 0	X X	X	X	DEC	Arithmetic Decrement
5C X X	0 **1** 0 **1 1 1**	X X	X	X		
60 X X	0 **1 1** 0 0 0	X X	X	X	ADD	Arithmetic Addition
64 X X	0 **1 1** 0 0 **1**	X X	X	X		
68 X X	0 **1 1** 0 **1** 0	X X	X	X		
6C X X	0 **1 1** 0 **1 1**	X X	X	X		
70 X X	0 **1 1 1** 0 0	X X	X	X	ADC	Arithmetic Addition with Carry
74 X X	0 **1 1 1** 0 **1**	X X	X	X		
78 X X	0 **1 1 1 1** 0	X X	X	X		
7C X X	0 **1 1 1 1 1**	X X	X	X		

Code	Instruction	Mo	D	S	Name	Instruction
80 X X	**1** 0 0 0 0 0	X X	X	X	SUB	Arithmetic Subtract
84 X X	**1** 0 0 0 0 **1**	X X	X	X		
88 X X	**1** 0 0 0 **1** 0	X X	X	X		
8C X X	**1** 0 0 0 **1 1**	X X	X	X		
90 X X	**1** 0 0 **1** 0 0	X X	X	X	SBB	Arithmetic Subtract with Borrow
94 X X	**1** 0 0 **1** 0 **1**	X X	X	X		
98 X X	**1** 0 0 **1 1** 0	X X	X	X		
9C X X	**1** 0 0 **1 1 1**	X X	X	X		
A0 X X	**1** 0 **1** 0 0 0	X X	X	X	CMP	Arithmetic Compare
A4 X X	**1** 0 **1** 0 0 **1**	X X	X	X		
A8 X X	**1** 0 **1** 0 **1** 0	X X	X	X		
AC X X	**1** 0 **1** 0 **1 1**	X X	X	X		
B0 X X	**1** 0 **1 1** 0 0	X X	X	X	NEG	Arithmetic Negate
B4 X X	**1** 0 **1 1** 0 **1**	X X	X	X		
B8 X X	**1** 0 **1 1 1** 0	X X	X	X	NOT	Logical Not
BC X X	**1** 0 **1 1 1 1**	X X	X	X		
C0 X X	**1 1** 0 0 0 0	X X	X	X	TEST	Logical Test
C4 X X	**1 1** 0 0 0 **1**	X X	X	X		
C8 X X	**1 1** 0 0 **1** 0	X X	X	X		
CC X X	**1 1** 0 0 **1 1**	X X	X	X		
D0 X X	**1 1** 0 **1** 0 0	X X	X	X	AND	Logical And
D4 X X	**1 1** 0 **1** 0 **1**	X X	X	X		
D8 X X	**1 1** 0 **1 1** 0	X X	X	X		
DC X X	**1 1** 0 **1 1 1**	X X	X	X		
E0 X X	**1 1 1** 0 0 0	X X	X	X	OR	Logical Or
E4 X X	**1 1 1** 0 0 **1**	X X	X	X		
E8 X X	**1 1 1** 0 **1** 0	X X	X	X		
EC X X	**1 1 1** 0 **1 1**	X X	X	X		
F0 X X	**1 1 1 1** 0 0	X X	X	X	XOR	Logical Exclusive Or
F4 X X	**1 1 1 1** 0 **1**	X X	X	X		
F8 X X	**1 1 1 1 1** 0	X X	X	X		
FC X X	**1 1 1 1 1 1**	X X	X	X		