

# Small FakeASM Instruction Set

| REG LIST | INSTRUCTION LIST   |                    |                 |
|----------|--------------------|--------------------|-----------------|
| 00h AX   | 00h NOP            | 46h MOV SI, [####] | 67h SUB ##      |
| 01h BX   | 01h PUSH AX        | 47h MOV SI, REG    | 68h SUB [####]  |
| 02h CX   | 02h PUSH BX        | 48h MOV DI, ##     | 69h SUB AX      |
| 03h DX   | 03h PUSH CX        | 49h MOV DI, [####] | 6Ah SUB BX      |
| 04h CF   | 04h PUSH DX        | 4Ah MOV DI, REG    | 6Bh SUB CX      |
| 05h ZF   | 05h POP AX         | 4Bh MOV DS, ##     | 6Ch SUB DX      |
| 06h SF   | 06h POP BX         | 4Ch MOV DS, [####] | 6Dh MULT ##     |
| 07h SP   | 07h POP CX         | 4Dh MOV DS, REG    | 6Eh MULT [####] |
| 08h SS   | 08h POP DX         | 4Eh CMP AX, ##     | 6Fh MULT AX     |
| 09h IP   | 09h INT ##         | 4Fh CMP AX, [####] | 70h MULT BX     |
| 0Ah CS   | 30h MOV AX, ##     | 50h CMP AX, REG    | 71h MULT CX     |
| 0Bh SI   | 31h MOV AX, [####] | 51h CMP BX, ##     | 72h MULT DX     |
| 0Ch DI   | 32h MOV AX, REG    | 52h CMP BX, [####] | 73h DIV ##      |
| 0Dh DS   | 33h MOV BX, ##     | 53h CMP BX, REG    | 74h DIV [####]  |
| 0Eh ES   | 34h MOV BX, [####] | 54h CMP CX, ##     | 75h DIV AX      |
|          | 35h MOV BX, REG    | 55h CMP CX, [####] | 76h DIV BX      |
|          | 36h MOV CX, ##     | 56h CMP CX, REG    | 77h DIV CX      |
|          | 37h MOV CX, [####] | 57h CMP DX, ##     | 78h DIV DX      |
|          | 38h MOV CX, REG    | 58h CMP DX, [####] | 79h CALL [####] |
|          | 39h MOV DX, ##     | 59h CMP DX, REG    | 7Ah RET         |
|          | 3Ah MOV DX, [####] | 5Ah JMP [####]     | 7Bh END         |
|          | 3Bh MOV DX, REG    | 5Bh JE [####]      |                 |
|          | 3Ch MOV SP, ##     | 5Ch JNE [####]     |                 |
|          | 3Dh MOV SP, [####] | 5Dh JG [####]      |                 |
|          | 3Eh MOV SP, REG    | 5Eh JGE [####]     |                 |
|          | 3Fh MOV IP, ##     | 5Fh JL [####]      |                 |
|          | 40h MOV IP, [####] | 60h JLE [####]     |                 |
|          | 41h MOV IP, REG    | 61h ADD ##         |                 |
|          | 42h MOV CS, ##     | 62h ADD [####]     |                 |
|          | 43h MOV CS, [####] | 63h ADD AX         |                 |
|          | 44h MOV CS, REG    | 64h ADD BX         |                 |
|          | 45h MOV SI, ##     | 65h ADD CX         |                 |
|          |                    | 66h ADD DX         |                 |