FLD	m32/64/80	push(mem)
FLD	ST*i*	push(ST*i*)
FST	m32/64	mem = ST0
FST	ST*i*	ST*i* = ST0
FSTP	m32/64/80	mem = ST0; pop()
FSTP	ST*i*	ST*i* = ST0; pop()
FILD	m16/32/64	push(int2fp(mem))
FIST	m16/32	mem = fp2int(ST0)
FISTP	m16/32/64	mem = fp2int(ST0); pop()
FLDZ		push(+0)
FLD1		push(1)
FLDPI		push(π)
FLDL2E		push($\log_2 e$)
FLDL2T		push($\log_2 10$)
FLDLG2		push($\log_{10} 2$)
FLDLN2		push($\ln 2$)
for (*OP*, op) in (ADD, +), (SUB, -), (MUL, *), (DIV, /)		
F*OP*	m32/64	ST0 op= mem
F*OP*	ST0, ST*i*	ST0 op= ST*i*
F*OP*	ST*i*, ST0	ST*i* op= ST0
F*OP*P	ST*i*, ST0	ST*i* op= ST0; pop()
FI*OP*	m16/32	ST0 op= int2fp(mem)
F[U]COMI	ST0, ST*i*	set ZF, CF, PF
F[U]COMIP	ST0, ST*i*	set ZF, CF, PF; pop()
for *cc* in B, E, BE, U, NB, NE, NBE, NU		
FCMOV*cc*	ST0, ST*i*	ST0 = cond ? ST*i* : ST0

FXCH	ST*i*	swap(ST0, ST*i*)
FABS		ST0 = fabs(ST0)
FCHS		ST0 = $-$ST0
FRNDINT		ST0 = round(ST0)
for (*OP*, op) in (SIN, sin), (COS, cos), (SQRT, $\sqrt{\cdot}$)		
F*OP*		ST0 = op(ST0)
FSINCOS		r = ST0; ST0 = $\sin r$; push($\cos r$)
FPTAN		ST0 = tg ST0; push(1)
FPATAN		ST1 = arctg(ST1/ST0); pop()
FYL2X		ST1 *= $\log_2$ ST0; pop()
FYL2XP1		ST1 *= $\log_2$(ST0 + 1); pop() if $\sqrt{0.5} \leqslant$ ST0 + 1 $\leqslant \sqrt{2}$
F2XM1		ST0 = $2^{\text{ST0}} - 1$, if $-1 \leqslant$ ST0 $\leqslant 1$
FSCALE		ST0 *= $2^{\text{trunc(ST1)}}$
FXTRACT		???

Флаги после FCOMI

	ZF	CF	PF
ST0 $>$ ST*i*	0	0	0
ST0 $=$ ST*i*	**1**	0	0
ST0 $<$ ST*i*	0	**1**	0
ST0 $\not\lessgtr$ ST*i*	**1**	**1**	**1**