

Entrée $a+ib$
FP0 FP1

Sortie $\frac{1}{a+ib} = \frac{a-ib}{a^2+b^2} = \text{FP0} + i \text{FP1}$

déruit FP6-FP7
EQ ok
NE erron

CPC INV: MOVEQ #0, D0

CPC INV: FMOVE.L D0, FPSR

CPC INV1: FMOVE.X FP0, FP6 a

FMOVE.X FP1, FP7 b

FMUL.X FP6, FP6 a^2

FMUL.X FP7, FP7 b^2

FADD.X FP7, FP6 a^2+b^2

FDIV.X FP6, FP0 $a/(a^2+b^2)$

FNEG.X FP1 $-b$

FDIV.X FP6, FP1 $-b/(a^2+b^2)$

FMOVE.L FPSR, D0

AND #0, D0 DE, IOP, OVFL?, UNFL

RTS