Y

CLK

12

FM receiver

DAC

XADC

12

RST

2

1

Fout

F

O\_Clk

12

12

Fin

Df

B

C

A

Output

Input

Decimator

Adder

Clock divider

Sync Xor

Preamplifier

CLK

X

Y

Fout

Fin

12

Cout

I2

I1

Ein

Fout

Fin

Out

NCO

Phase detector

Loop filter

CLK

DPLL

Classic PLL

Low pass filter

Demodulator