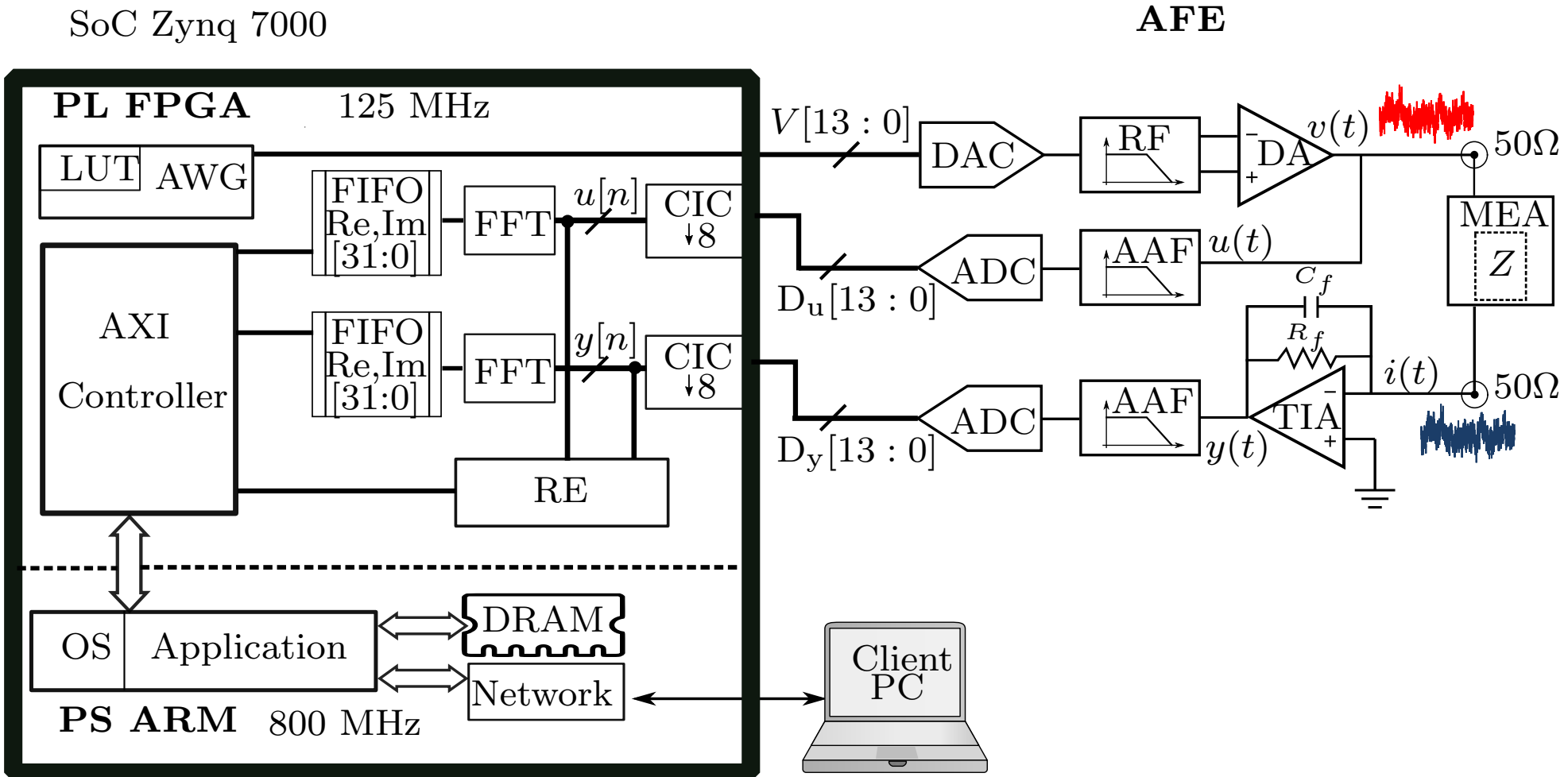
SoC Zynq 7000
AFE
PL FPGA
125 MHz
LUT
AWG
AXI
Controller
FIFO
Re,Im
[31:0]
FFT
u[n]
CIC
↓8
FIFO
Re,Im
[31:0]
FFT
y[n]
CIC
↓8
RE
OS
Application
DRAM
Network
PS ARM
800 MHz
Client
PC
V[13 : 0]
DAC
RF
DA
v(t)
50Ω
MEA
Z
ADC
AAF
u(t)
D_u[13 : 0]
C_f
R_f
ADC
AAF
y(t)
TIA
i(t)
50Ω
D_y[13 : 0]