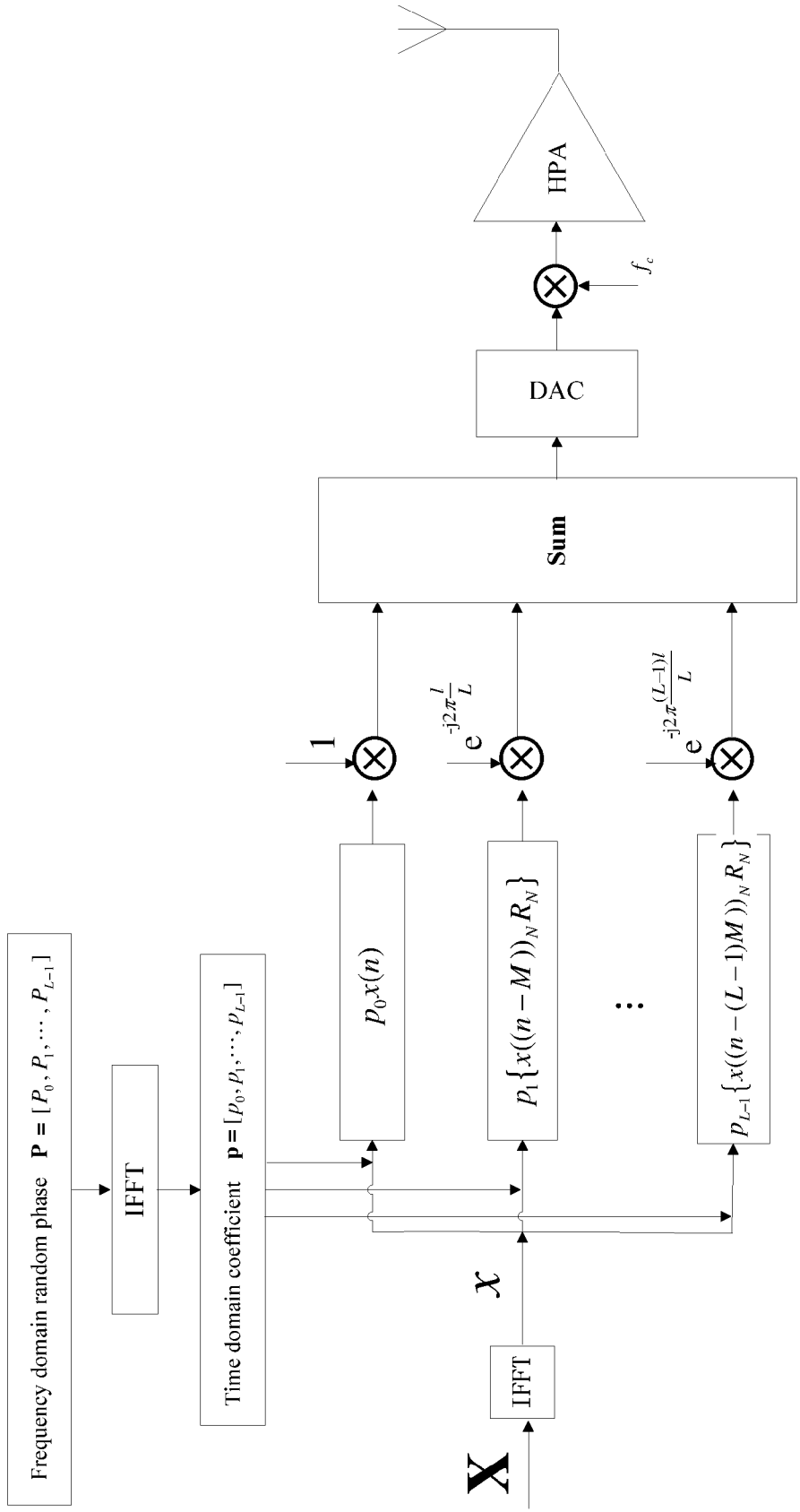
Frequency domain random phase $\mathbf{P} = [P_0, P_1, \cdots, P_{L-1}]$
IFFT
Time domain coefficient $\mathbf{p} = [p_0, p_1, \cdots, p_{L-1}]$
$\mathbf{X}$
IFFT
x
$p_0 x(n)$
$p_1\{x((n-M))_N R_N\}$
$p_{L-1}\{x((n-(L-1)M))_N R_N\}$
1
$e^{-j2\pi\frac{l}{L}}$
$e^{-j2\pi\frac{(L-1)l}{L}}$
Sum
DAC
f_c
HPA

Fig. 4