

$$x(t) \rightarrow \boxed{\text{SAMPLING}} \rightarrow x_s(t) \rightarrow \boxed{\text{S/D}} \rightarrow x[n] \rightarrow \boxed{\tilde{Q}_c} \rightarrow x_b[n]$$

$$x(t) \rightarrow \boxed{\text{SAMPLING}} \rightarrow x_s(t) \rightarrow \boxed{\text{S/D}} \rightarrow x[n] \rightarrow \boxed{\tilde{Q}_c} \rightarrow x_b[n]$$