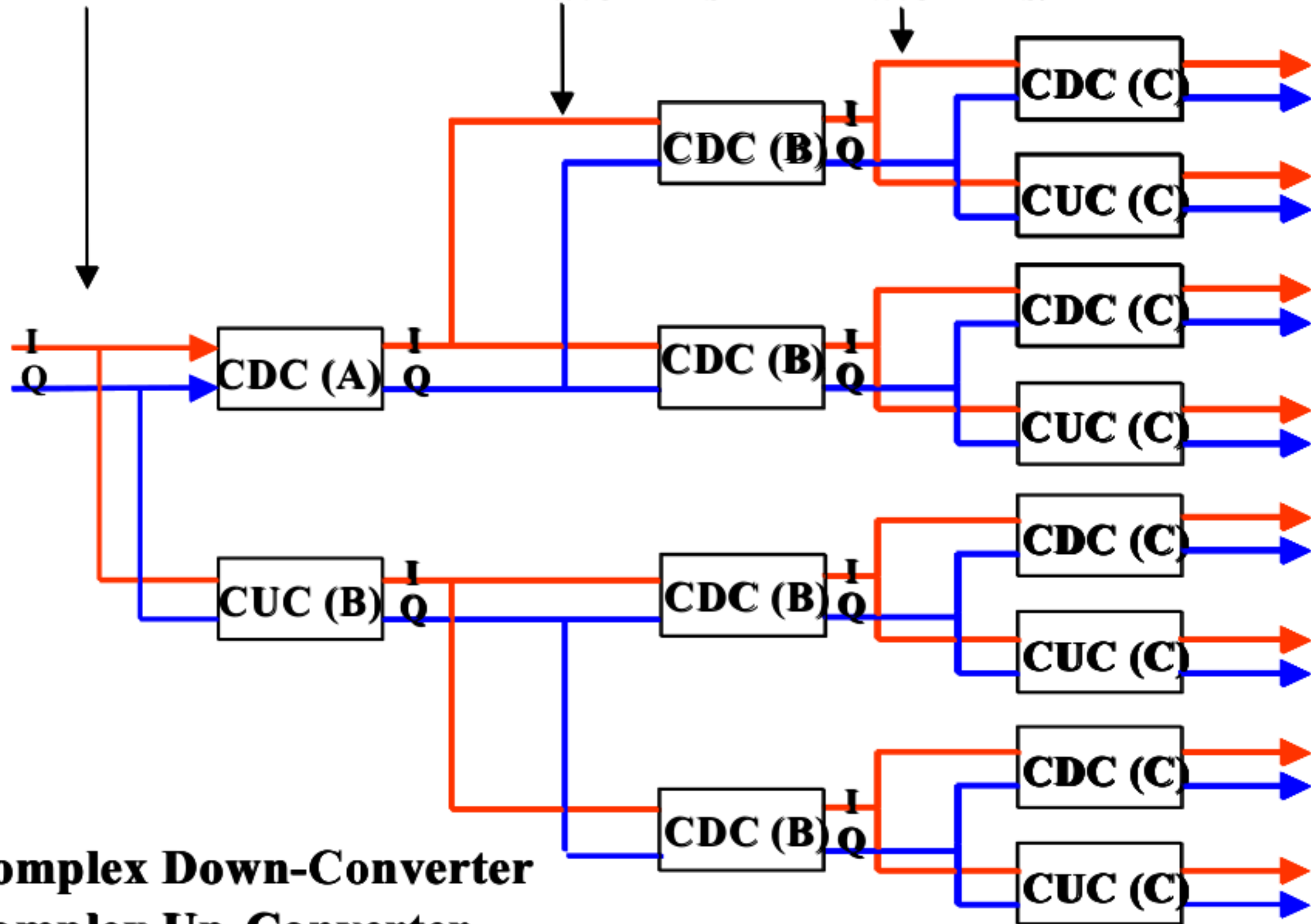


**Input Sample
Rate = F_s**

**Sample
Rate = F_s**

**Sample
Rate = $F_s/2$**

**Sample
Rate = $F_s/4$**



CDC = Complex Down-Converter
CUC = Complex Up-Converter