

Sender

NoC

Receiver

transmit
interwoven flits

flit 1

flit 2

flit 3

start timer T , set to $T = t_1$
start verification for 1

set T to $T = t_1$
start verification for 2
start decoding+decryption for 1+2
cancel T
start verification for 3

verification successful for 1
verification failed for 2 → send ARQ

restart T , set to $T = t_2$
discard decrypted flit
start decoding+decryption for 1+3
verification successful for 3
cancel T

retransmit flit 2

ARQ flit
request flit 2

flit 2

send decrypted flit to PE
transmission unit finished

