Main

Fifo

timeBuf

placeBuf

Debug\_Profile

Interrupt Handler

Fifo Interface

TCNT (2 bytes useful data) Location (3 bits useful data)  
 328.69 kB/s avg bandwith 61.629 kB/s avg bandwith

Location (3 bits useful data) Location (3 bits useful data)  
 41.548 kB/s avg bandwith 20.081 kB/s avg bandwith

ForeData (1 byte useful data) BackData (1 byte useful data)  
 51.704 kB/s avg bandwith 53.550 kB/s avg bandwith

New data (1 byte) Oldest data in Fifo (1 byte)  
 53.550 kB/s avg bandwith 51.704 kB/s avg bandwith