classif. buffer
(FCRAM)
schedul. buffer
(FCRAM)
SED memory
(FCRAM)
Ingress
APP550
Egress
GMII,
SMII,
PMA
SPI-3,
Utopia
input
inter-
face
PDU
assembler
stream
editor
output
inter-
face
GMII,
SMII,
PMA
SPI-3,
Utopia
coprocessor
input
(SPI-3)
coprocessor
output
(SPI-3)
classif.
memory
(FCRAM)
pattern
processing
engine
reorder buffer
and
traffic shaper
onboard
memory
state
engine
PCI bus
interface
statistics memory
(DDR-SRAM)
scheduler memory
(DDR-SRAM)
PCI bus