



- IP cores used in two recently started projects:
 - Digitizer of a digital multispectral scanner system (LEON2, AMBA/ATA-IDE interface).
 - Optical Wireless Link experiment in FOTON capsule as part of an ESA funded project (CAN).



- Comments:
 - AMBA/ATA-IDE interface needed to connect and IDE flash drive to the LEON2 system.
 - Opencores ATA IP core selected (has no AMBA interface but WHISBONE).
 - AMBA/WHISBONE wrapper for this particular interface developed in house.
 - CAN core selected from Opencores since the project had to be finished in about one year and the delivery time and status of the ESA CAN IP core are uncertain.



- Open questions:
 - Is there a need for an AMBA/IDE interface in the Space Community?
 - Is there a need for a WHISBONE/AMBA wrapper? (if cores from Opencores are used).
 - Are there plans for a completely functional CAN ESA IP-core?
 - INTA would prefer using IP cores provided or at least recommended by ESA.