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ID VALÈNCIA



Escola Tècnica Superior  
d'Enginyeria



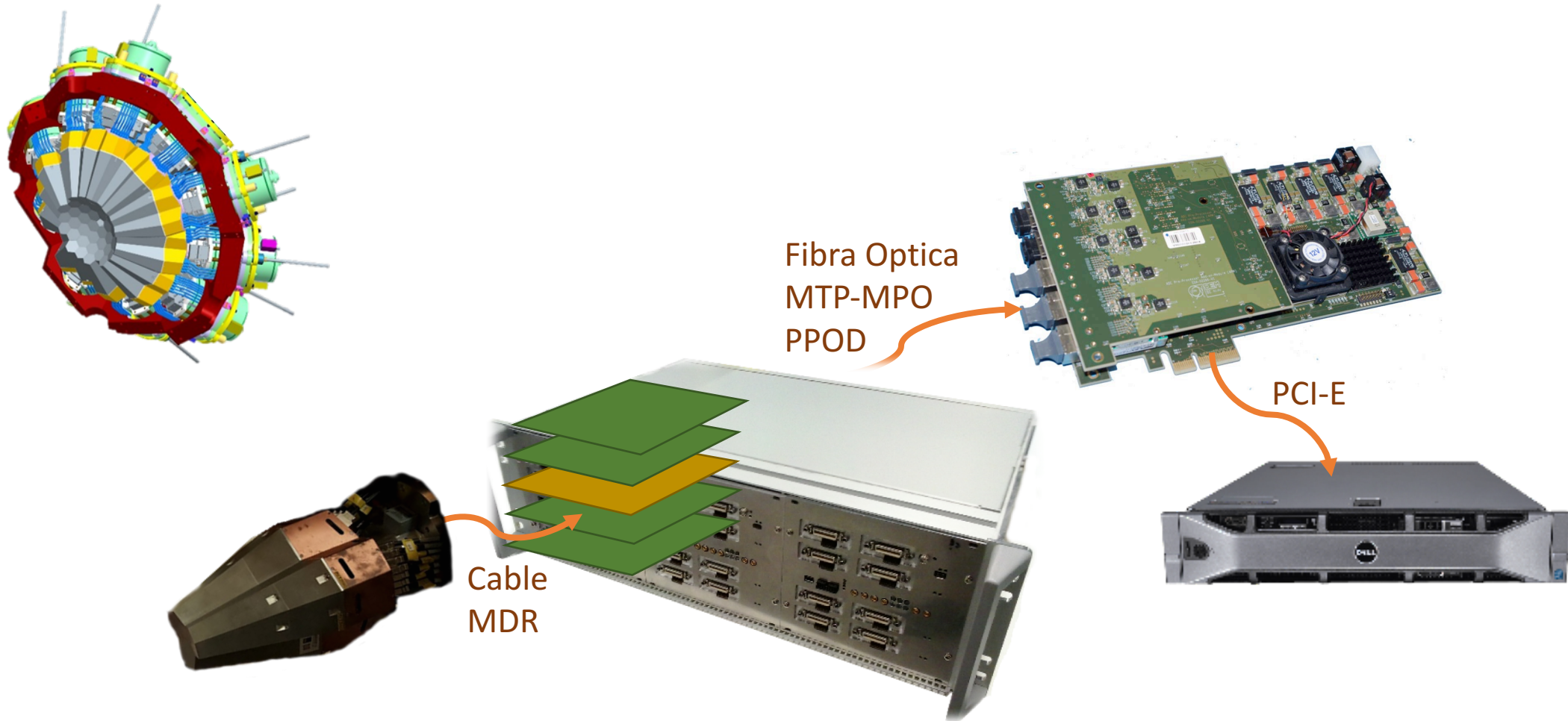
# Report on the R&D on electronics for 2020 and beyond: Pre-processing

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Instituto de Física Corpuscular. CSIC-UV*

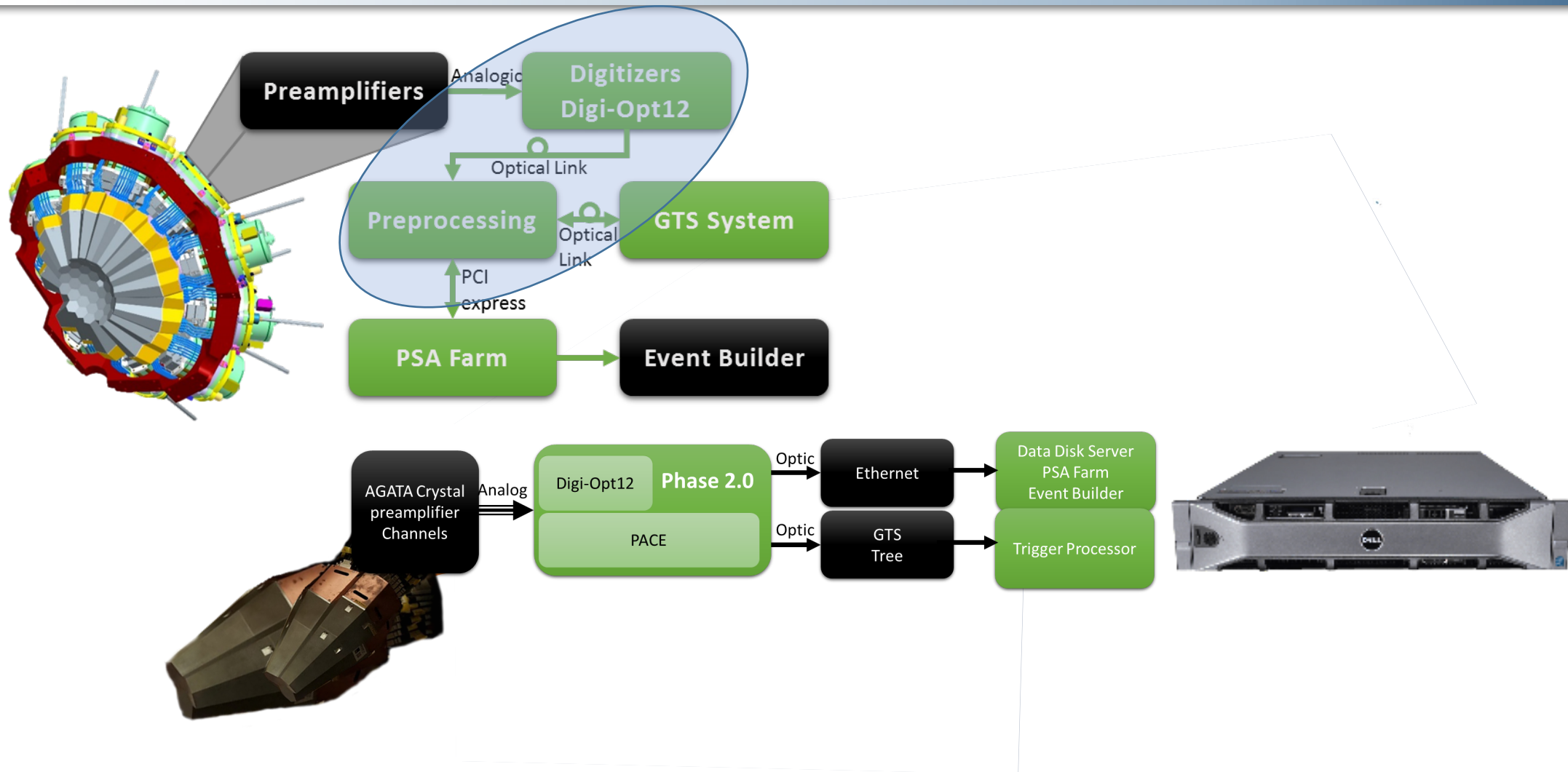
# AGATA

## Advanced GAMMA Tracking Array

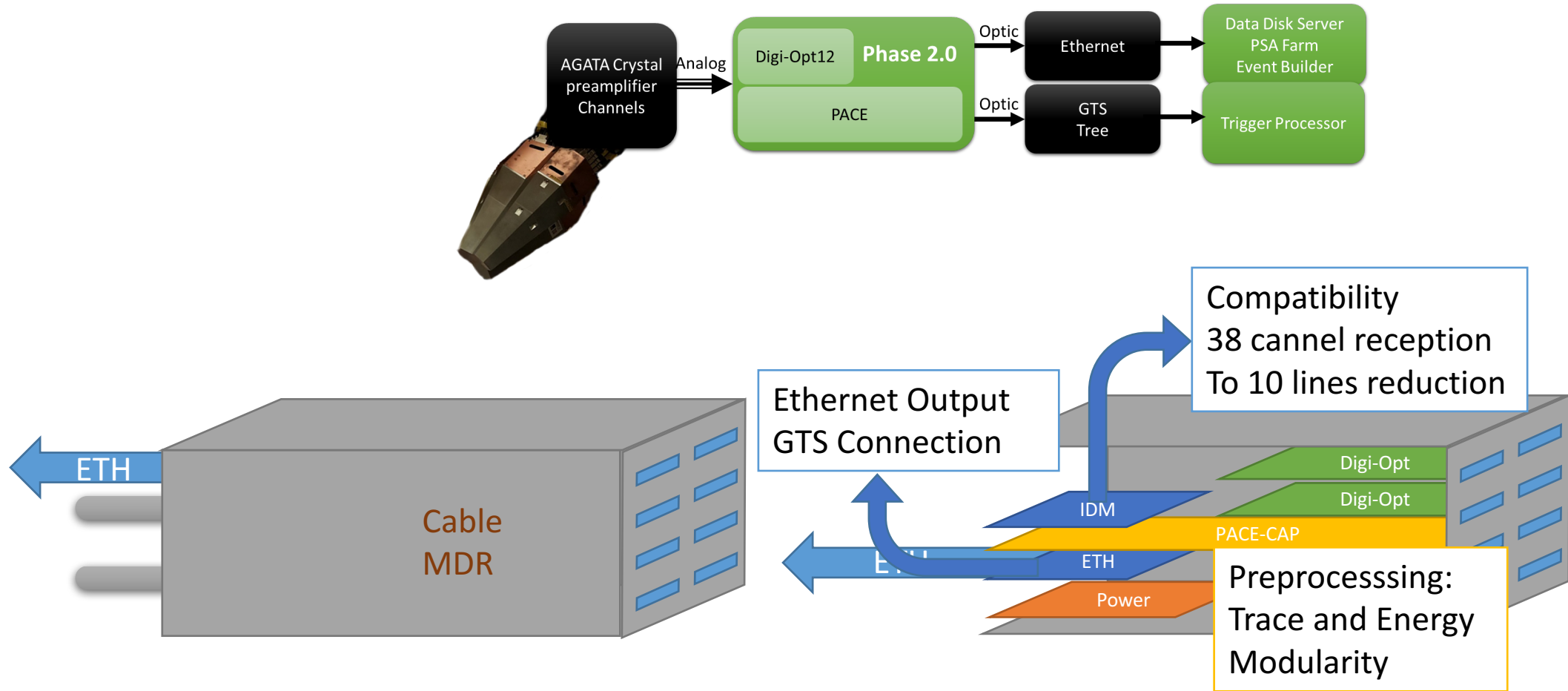


# AGATA

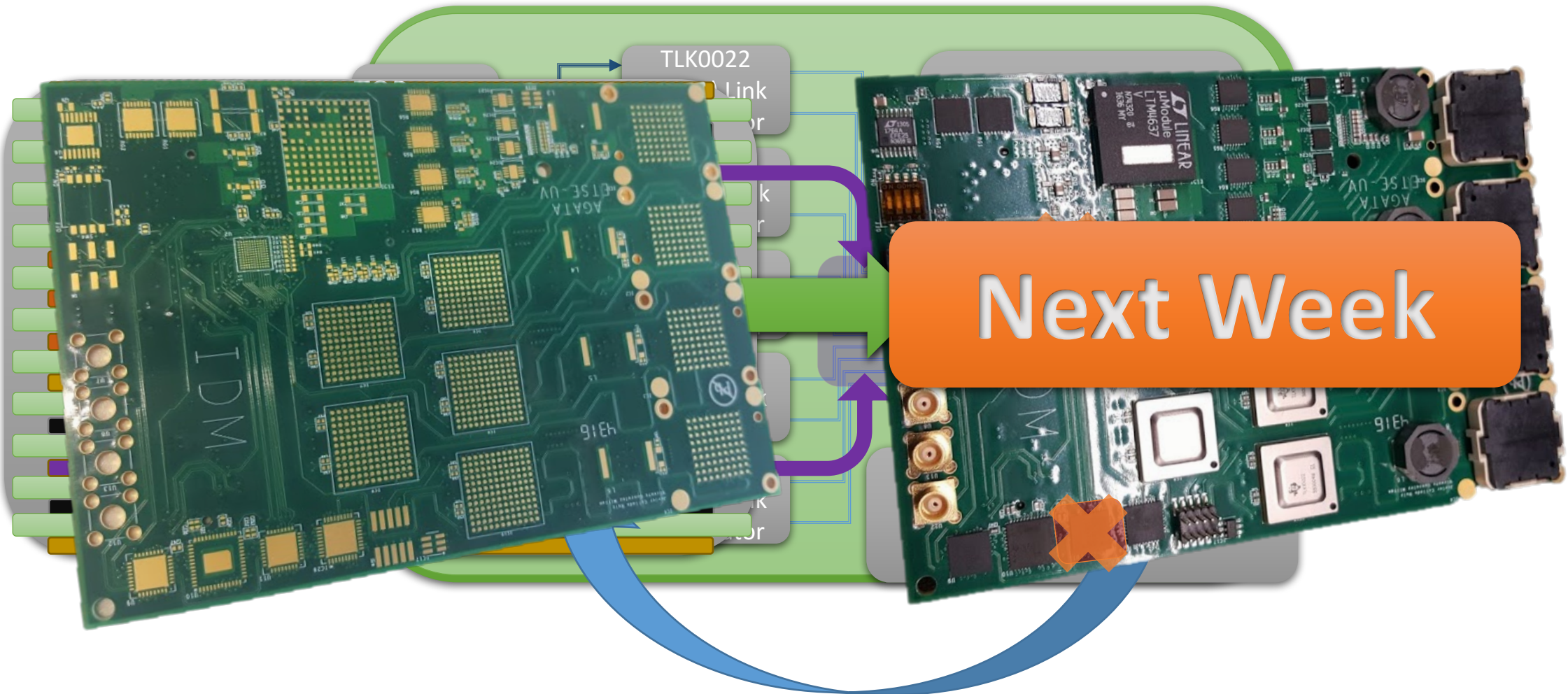
## Advanced GAMMA Tracking Array



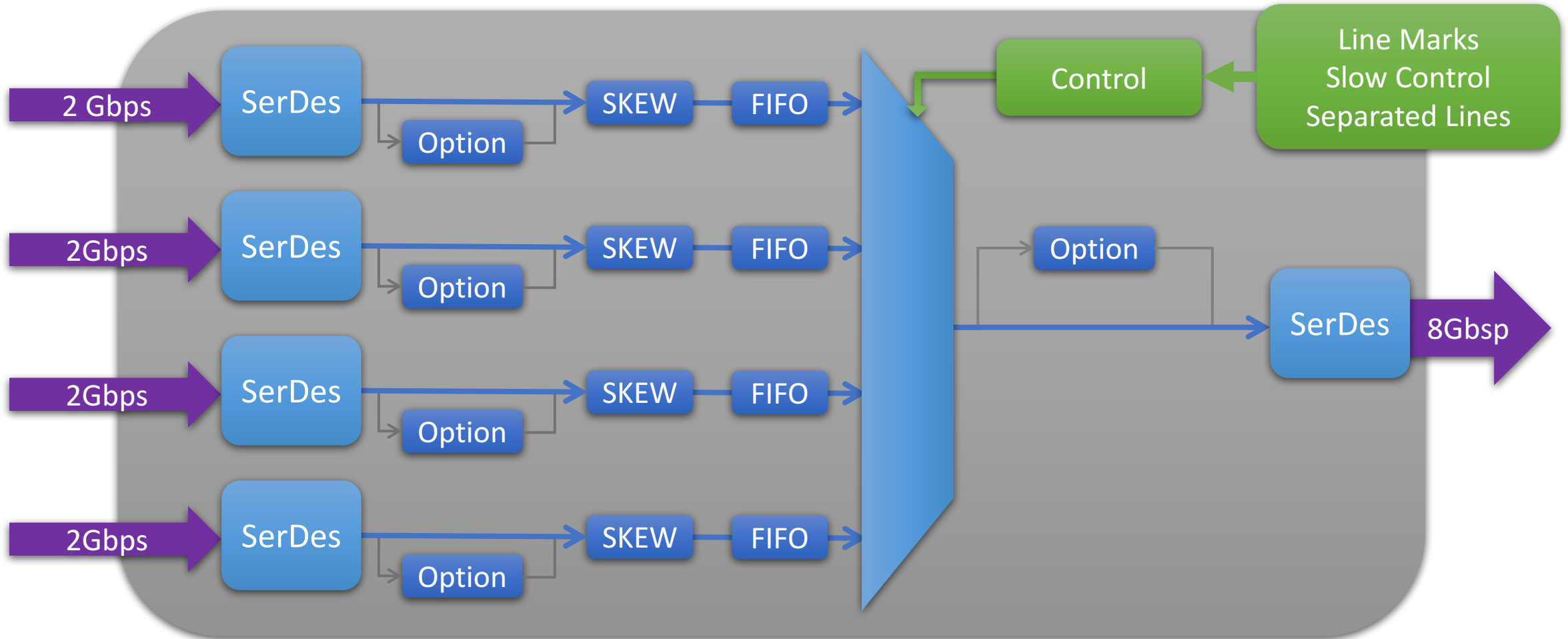
# PACE System Electronics



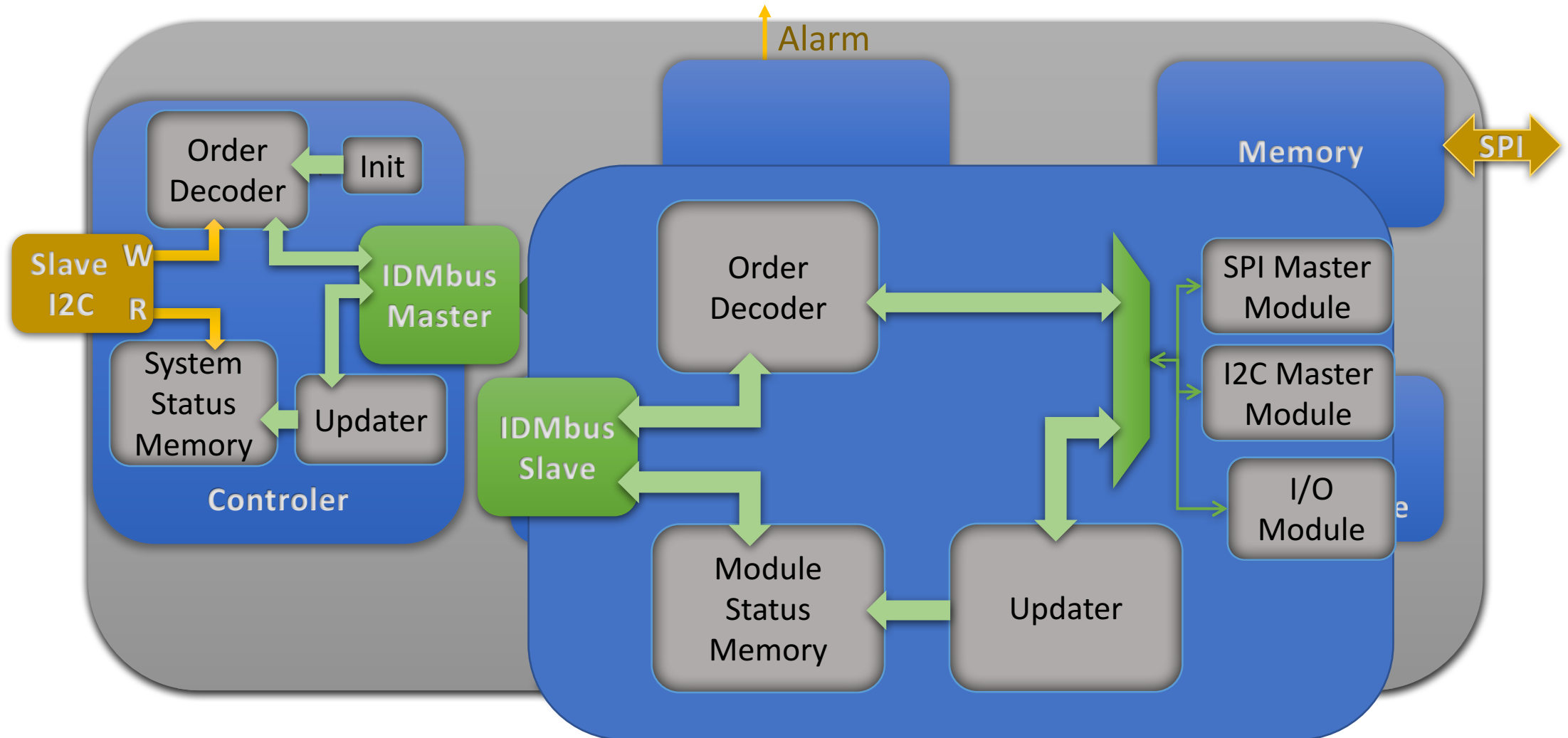
# IDM – Input Data Mezzanine



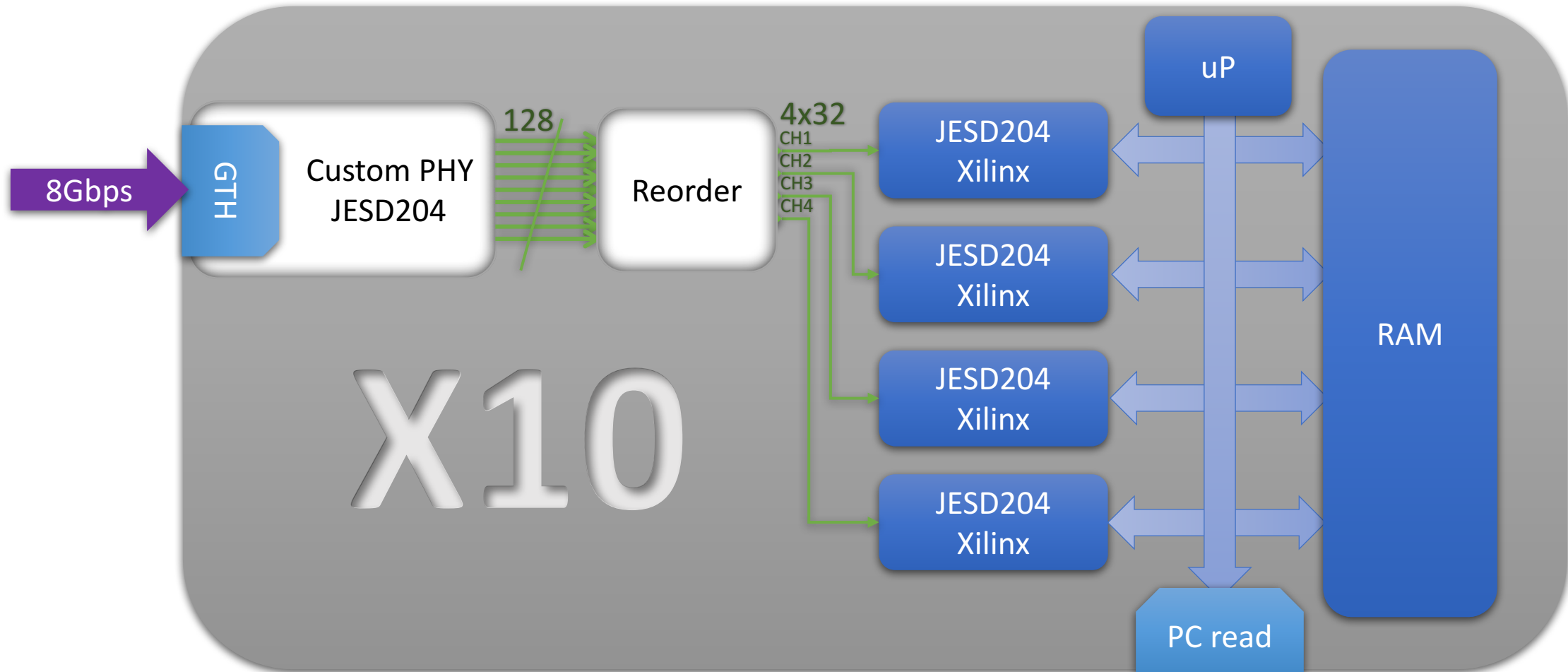
# IDM – Input Data Mezzanine



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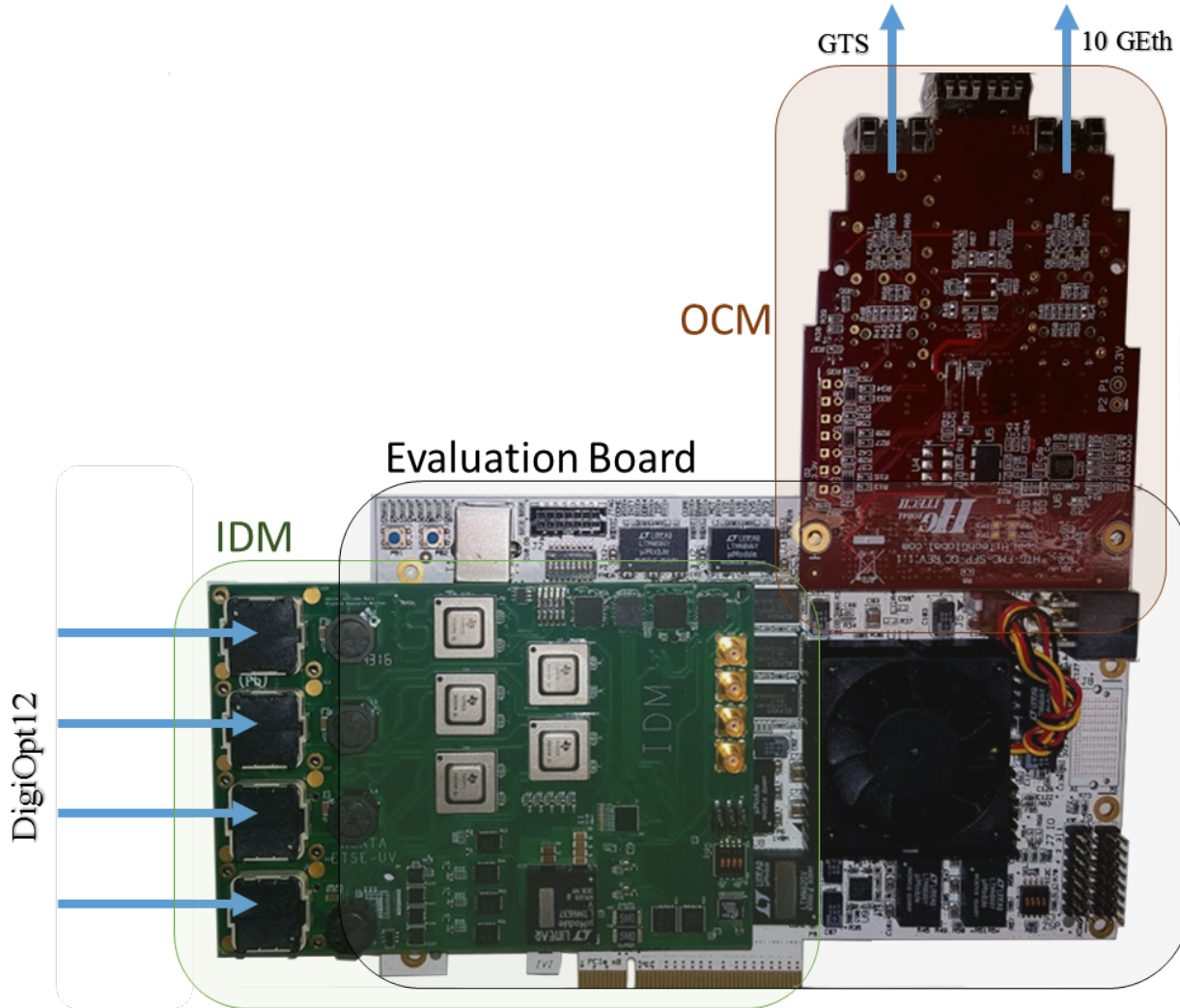


# Test & Validation

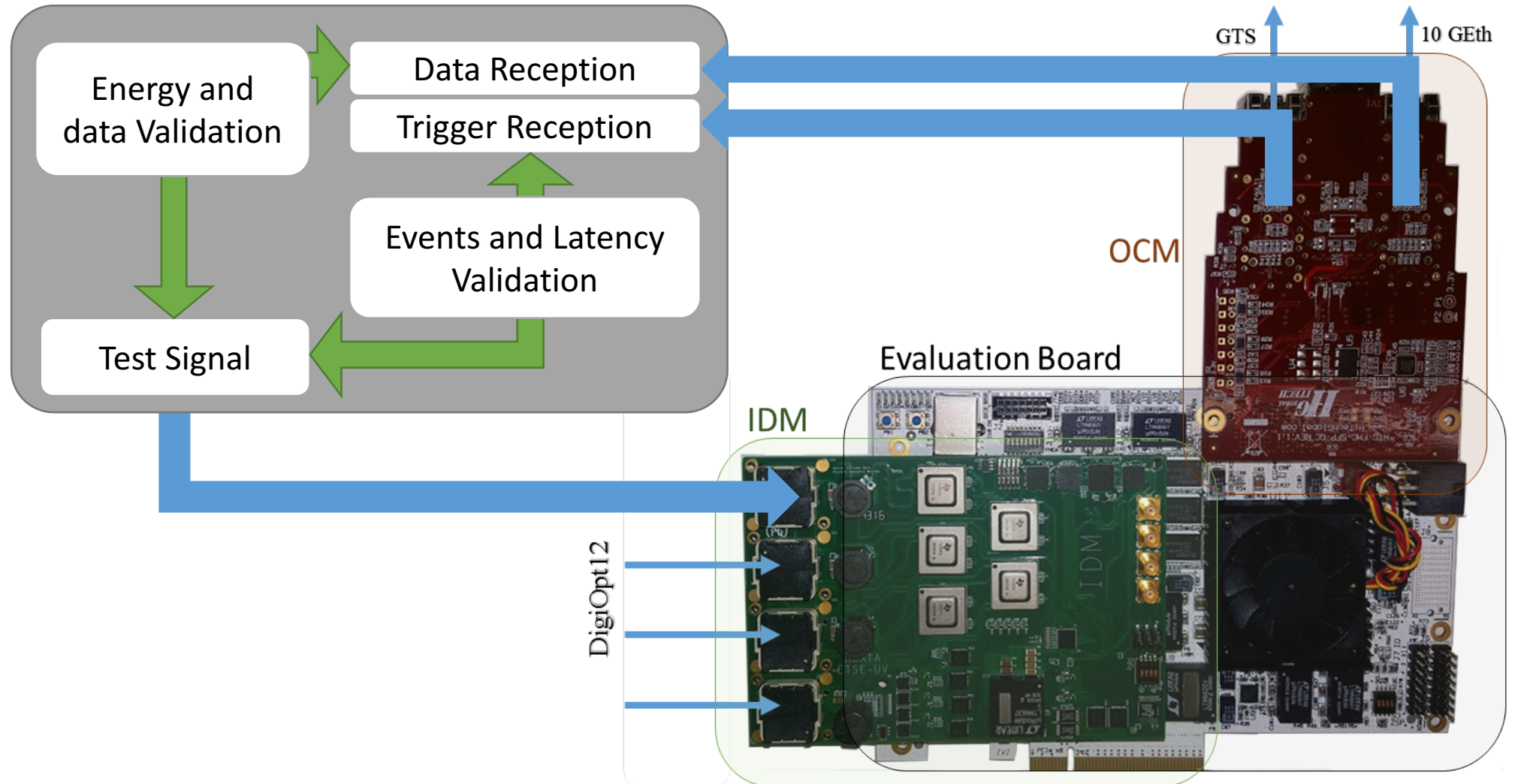




# Test y Validación

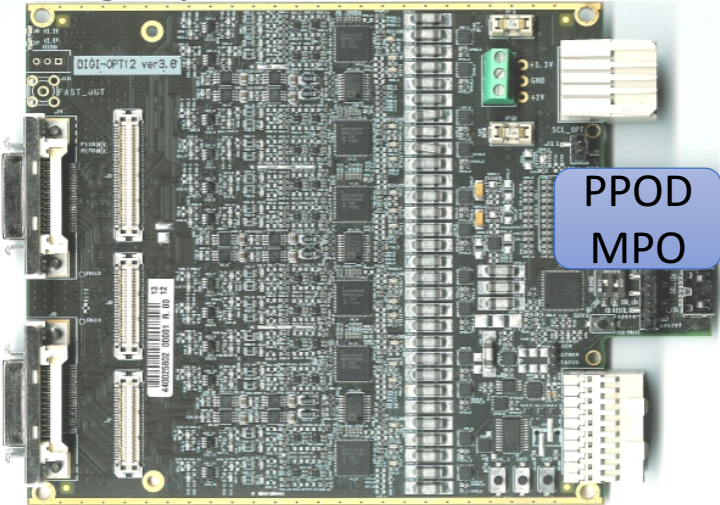


# Test & Validation

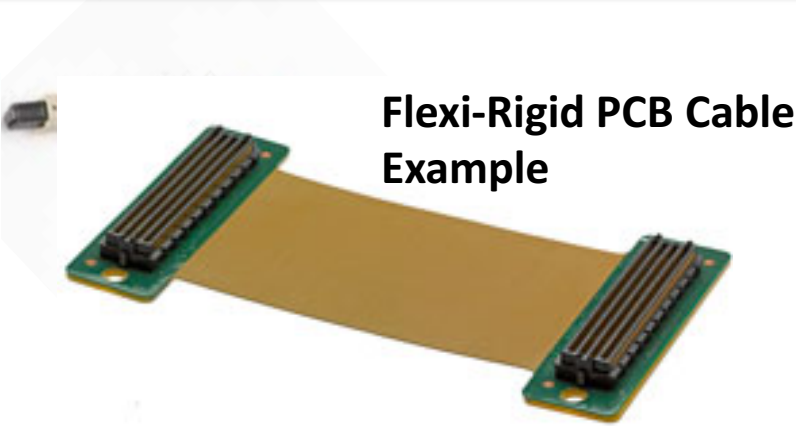


# Connection Considerations

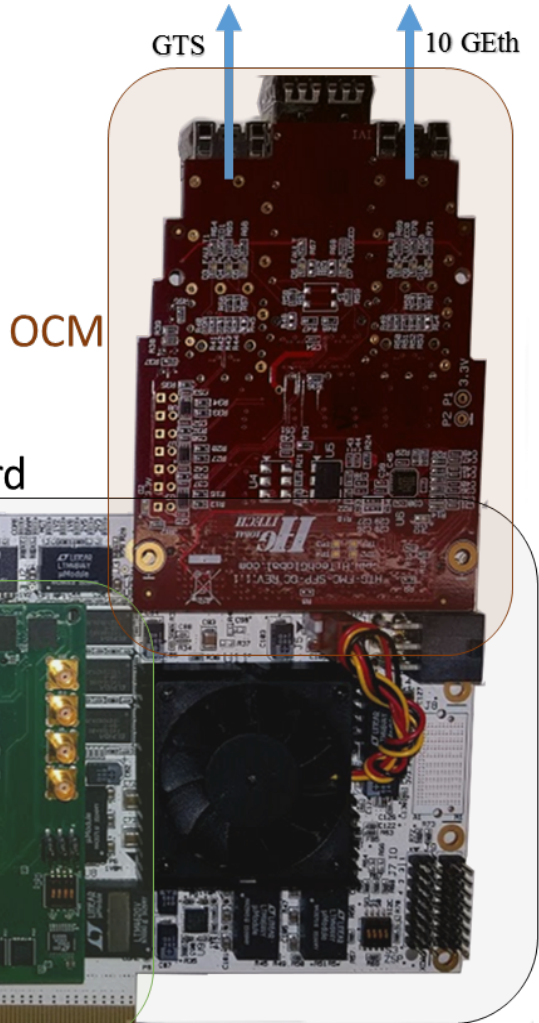
Digi-Opt12



PPOD  
MPO



Flexi-Rigid PCB Cable Example



OCM

GTS

10 GEth

Evaluation Board

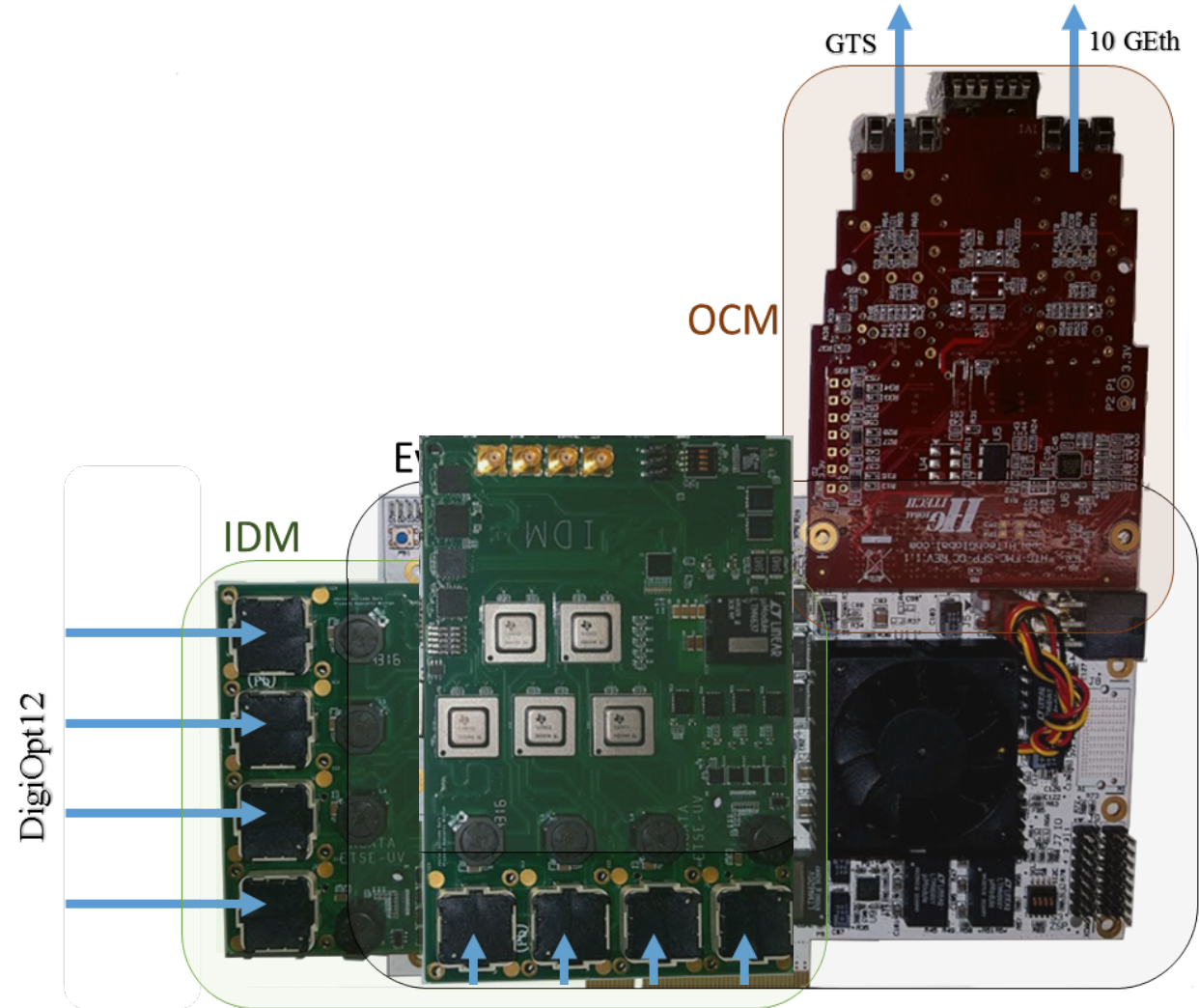
DigiOpt12

4x  
Mini  
Pod

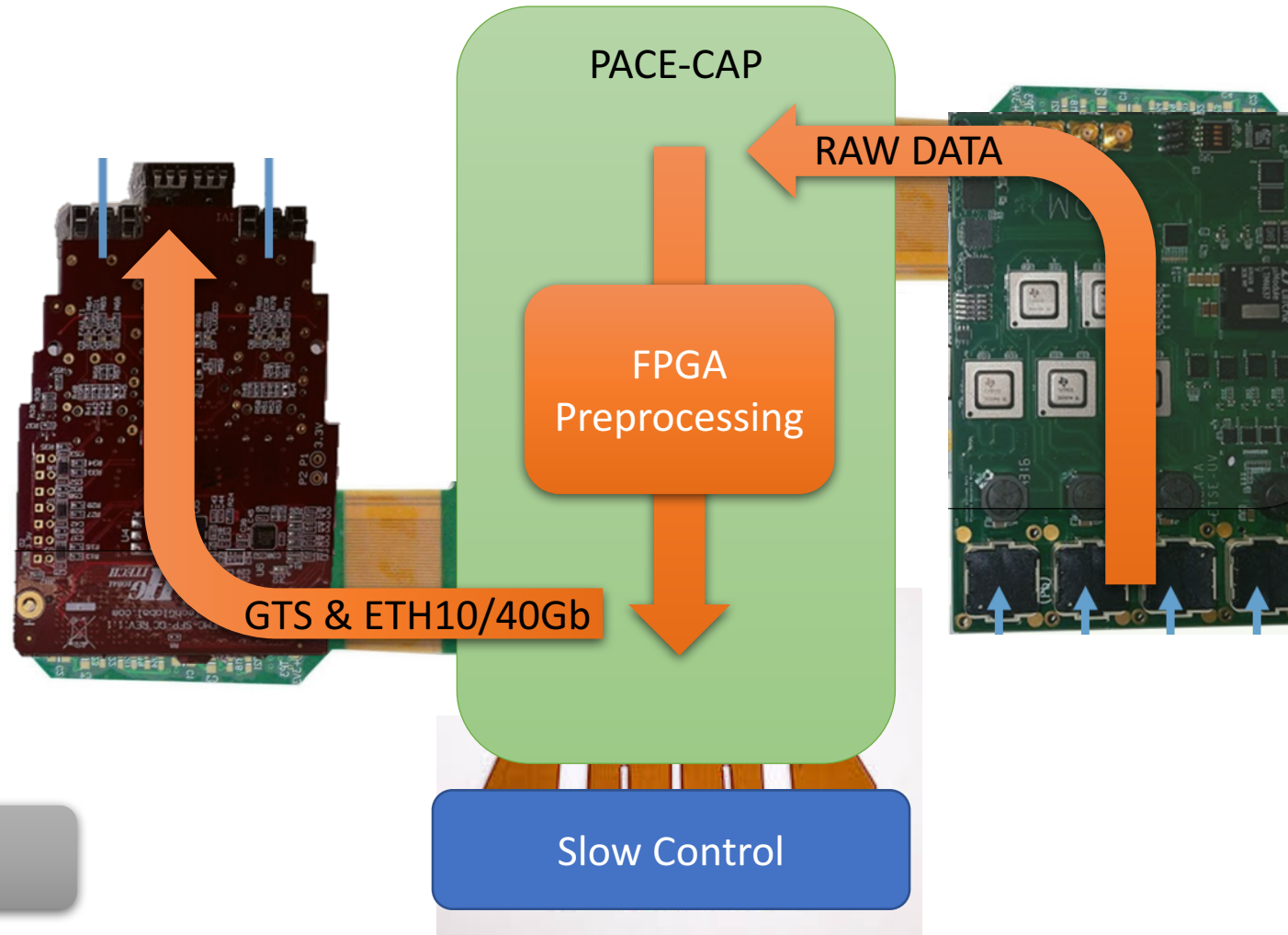
**Optic Connection**  
 Now: Ph1 – MPO:MPO  
 - 8x PPop 12line > 1600€  
 - Obsolescence / link  
 Future: Ph2 – MPO:Prizm  
 - 4xPPod 4x Minipod  
 - Similar cost, = problem

# Next Step

Late 2018



# Next Step



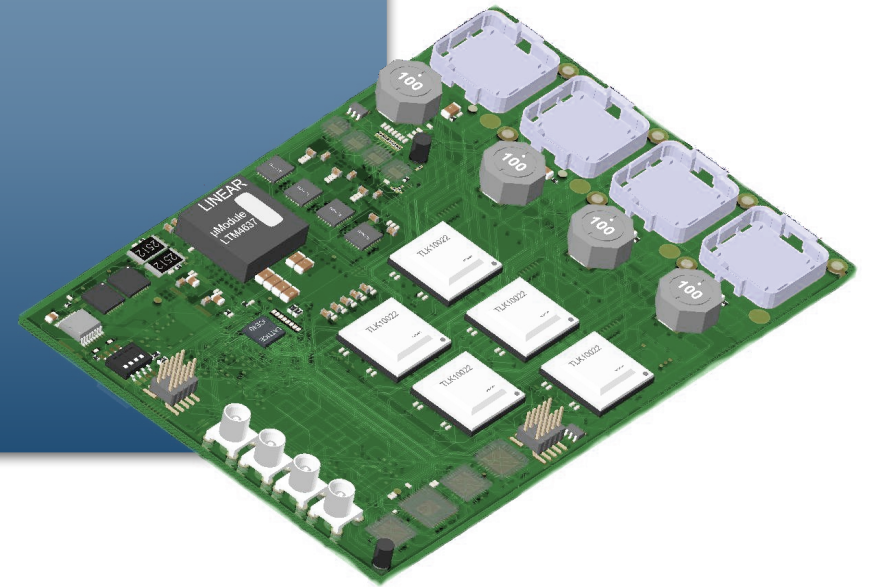
Late 2018



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# Thank You





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