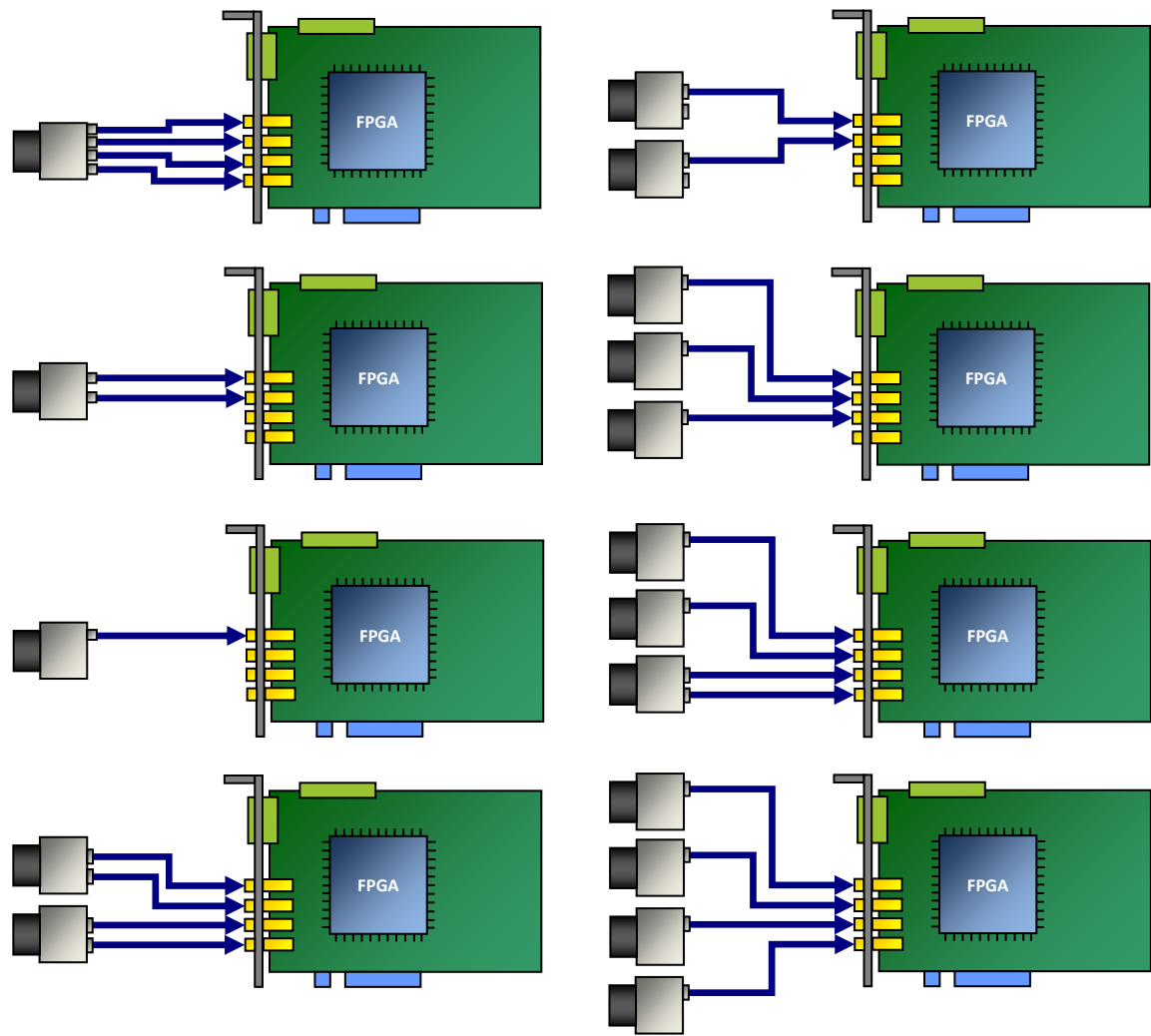
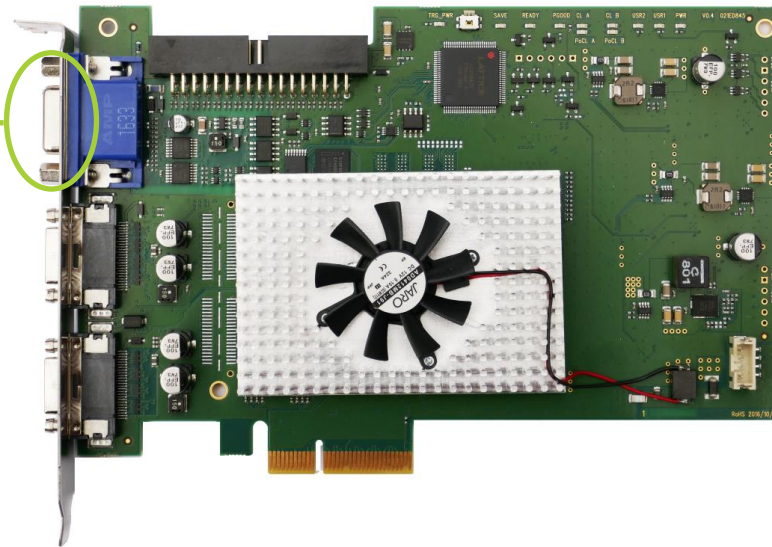


imaWorx Topology

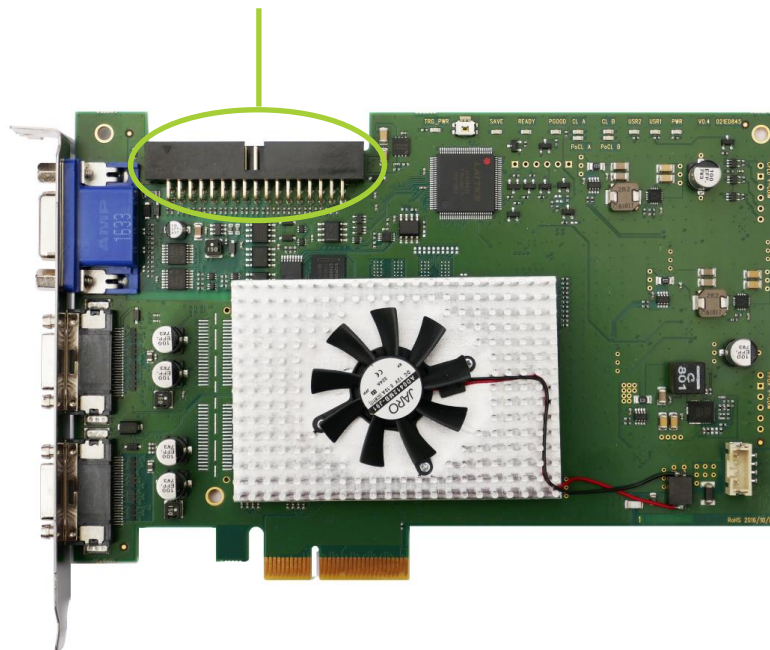


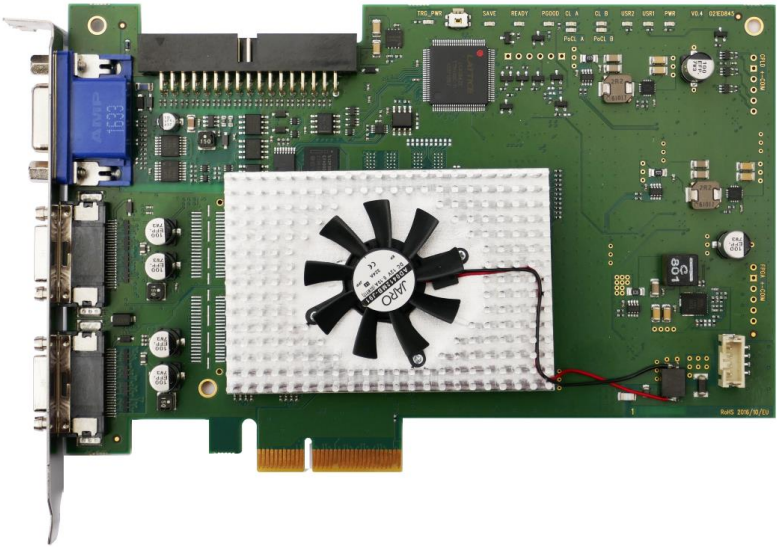
Front GPIO
Opto-coupled inputs,
TTL outputs



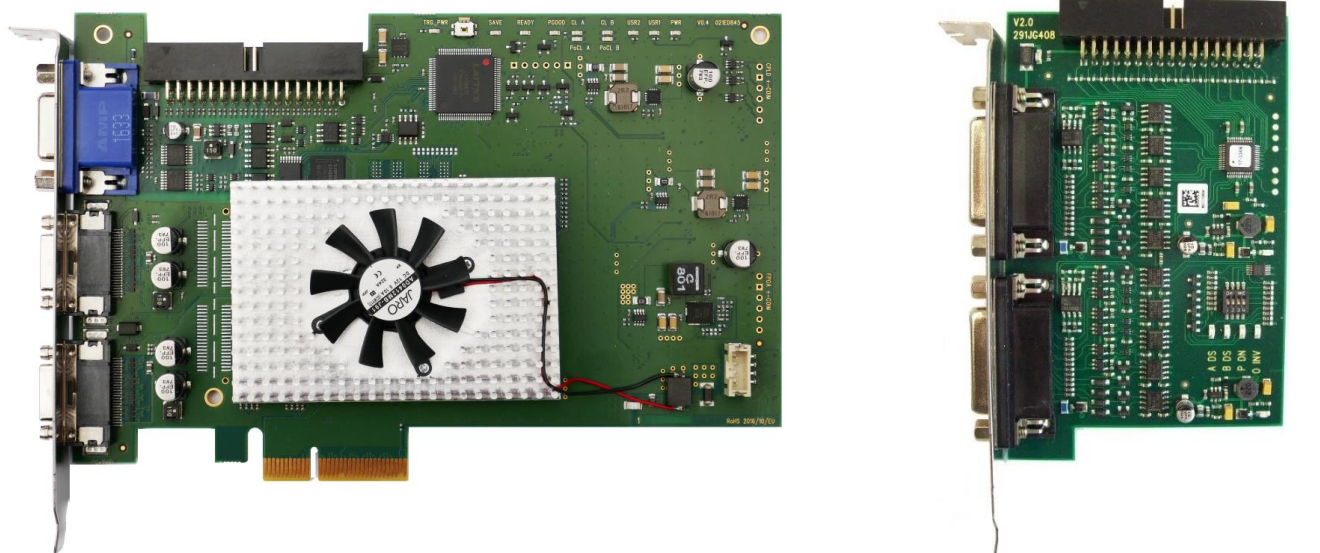
GPIO

Trigger
board connection

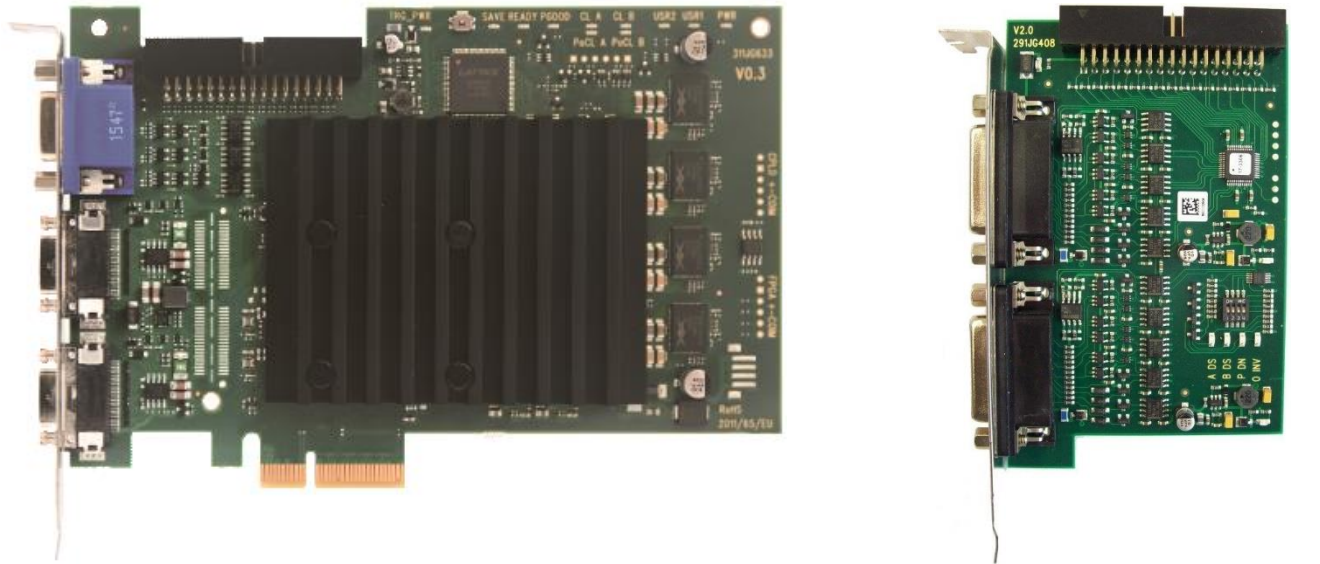


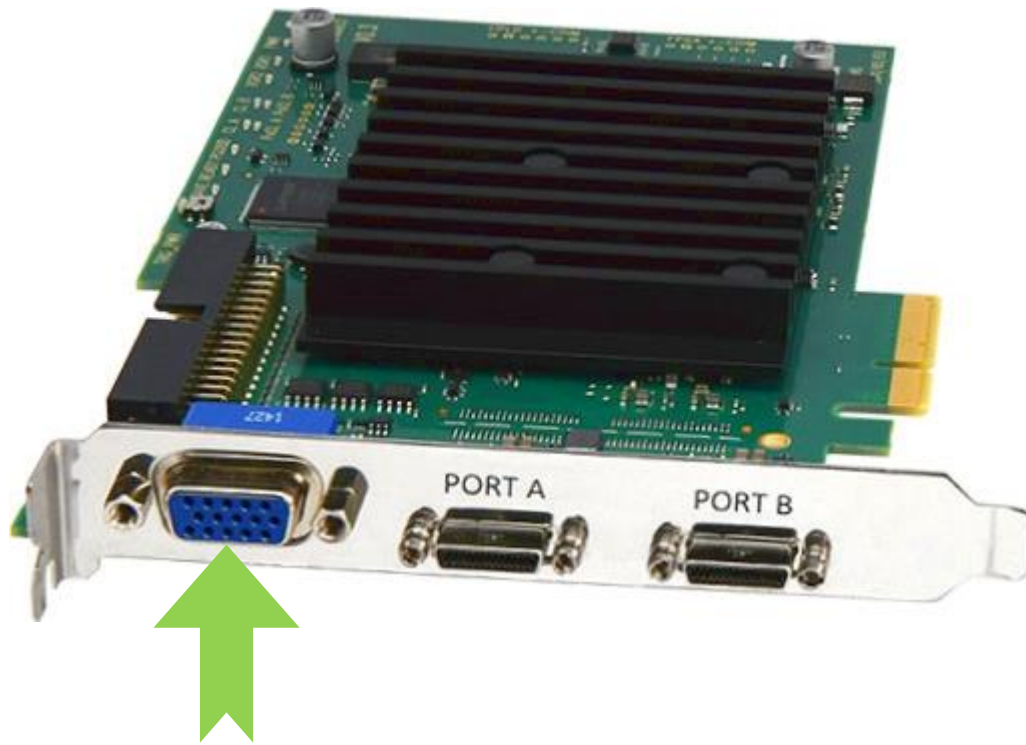


34-pin flat cable

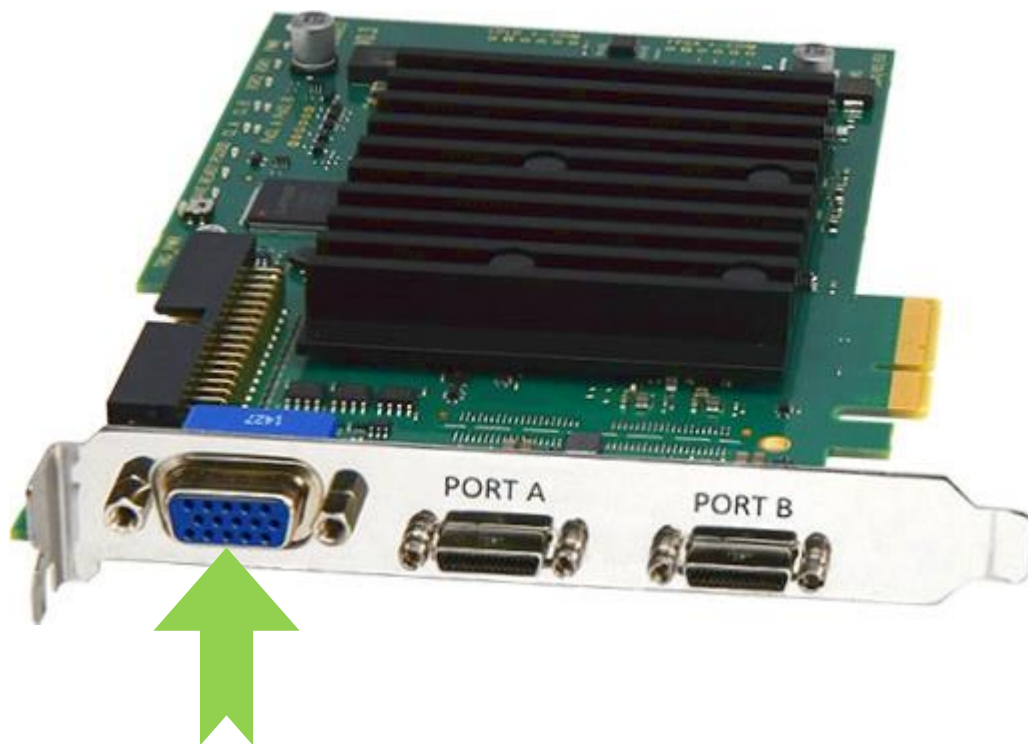


34-pin flat cable

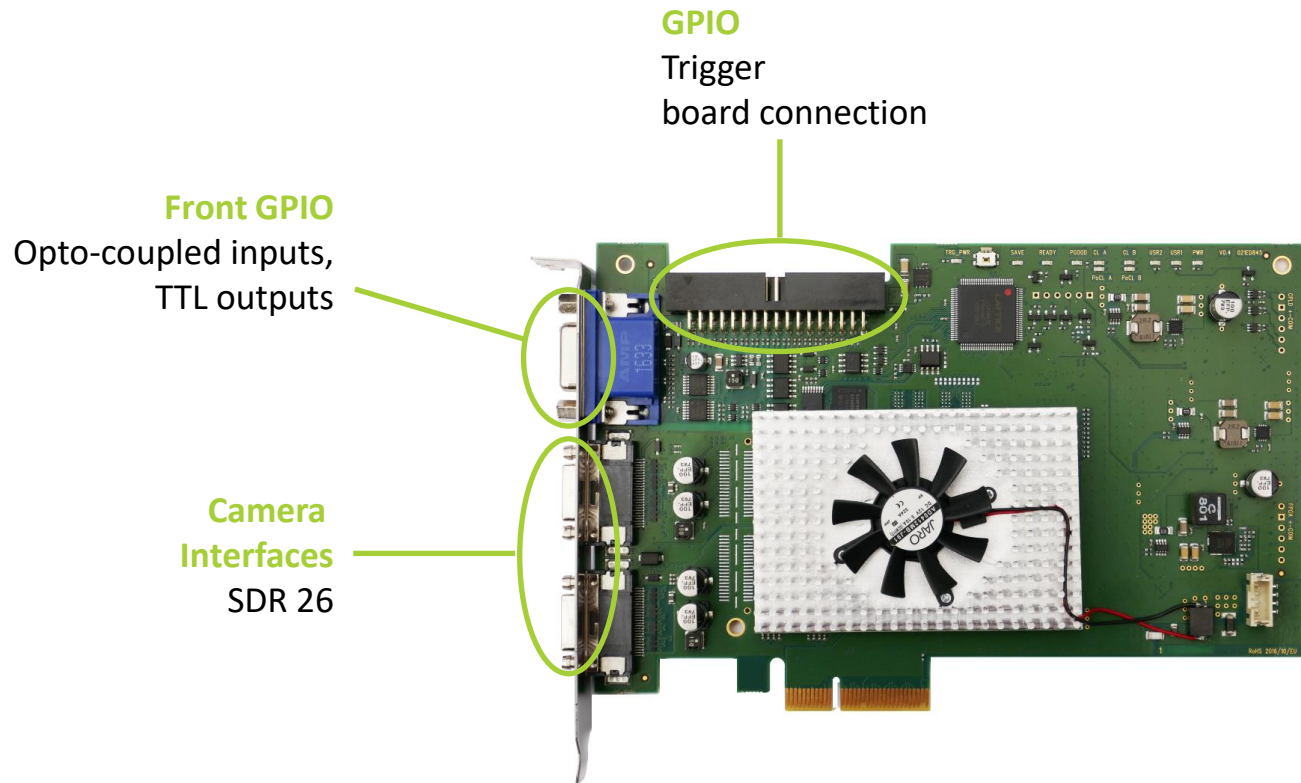


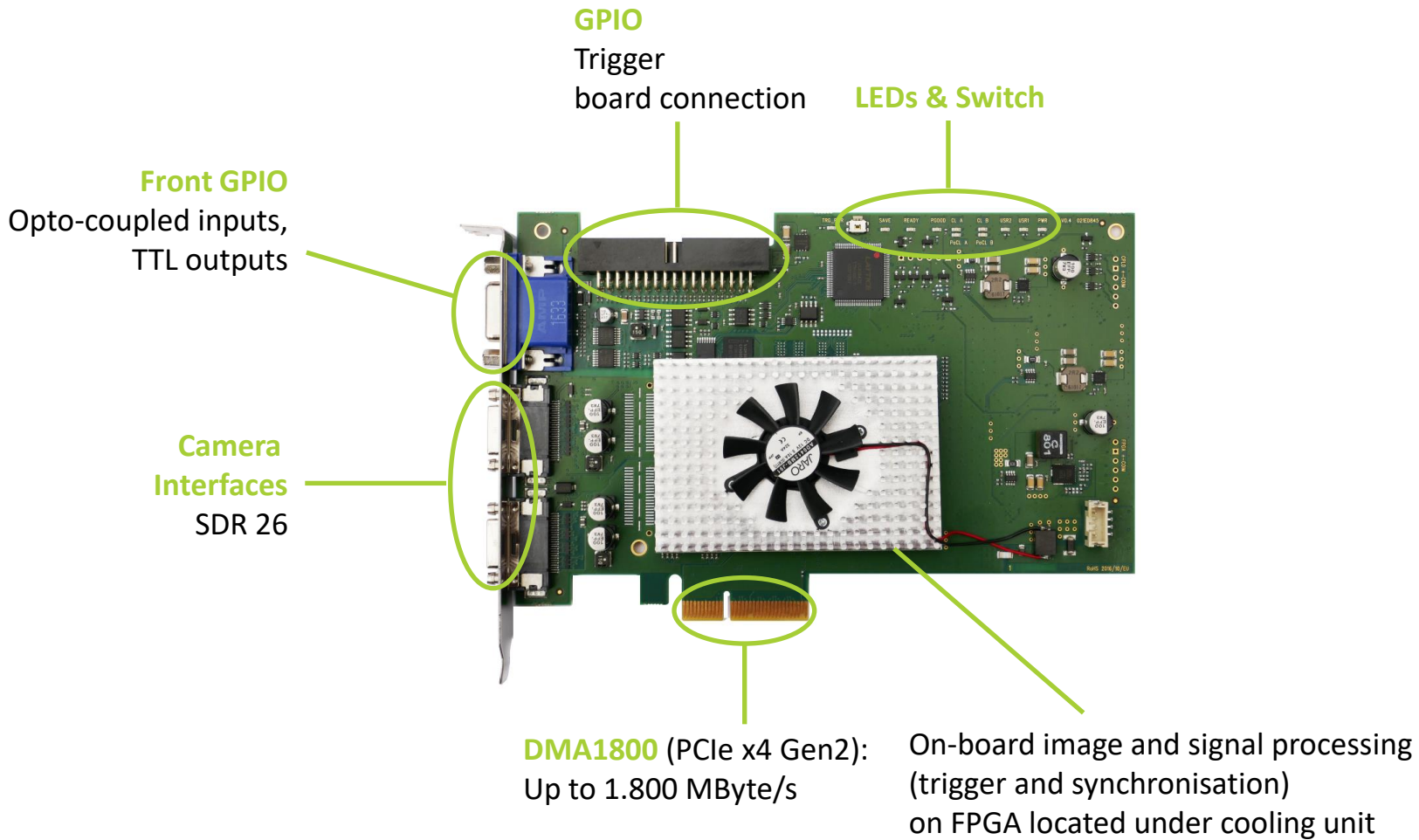


15-pin D-sub socket (Front GPIO) for triggering and synchronizing peripheral devices, including two TIO GPOs

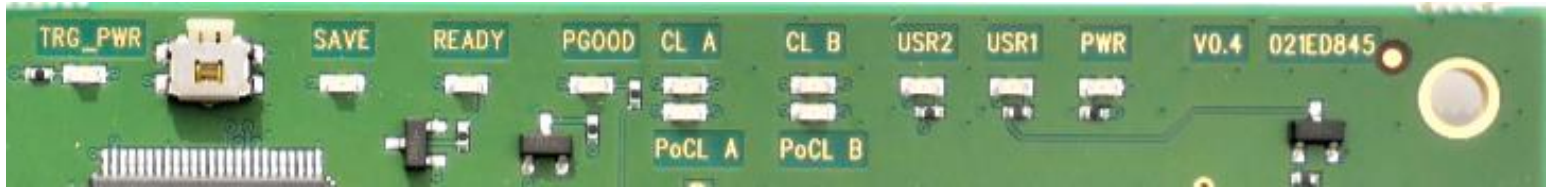


Front GPIO for triggering
and synchronizing
peripheral devices





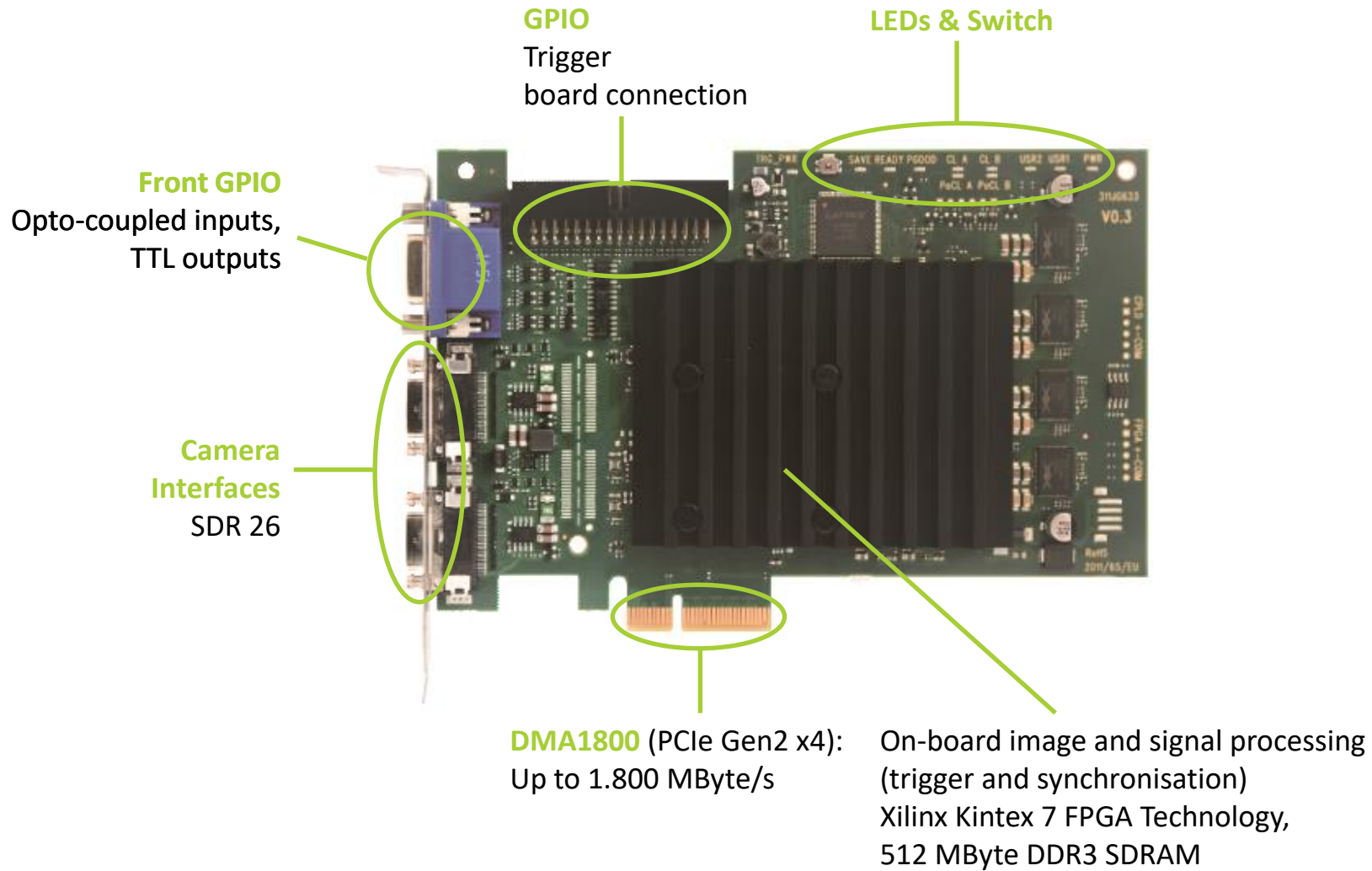
VCLx



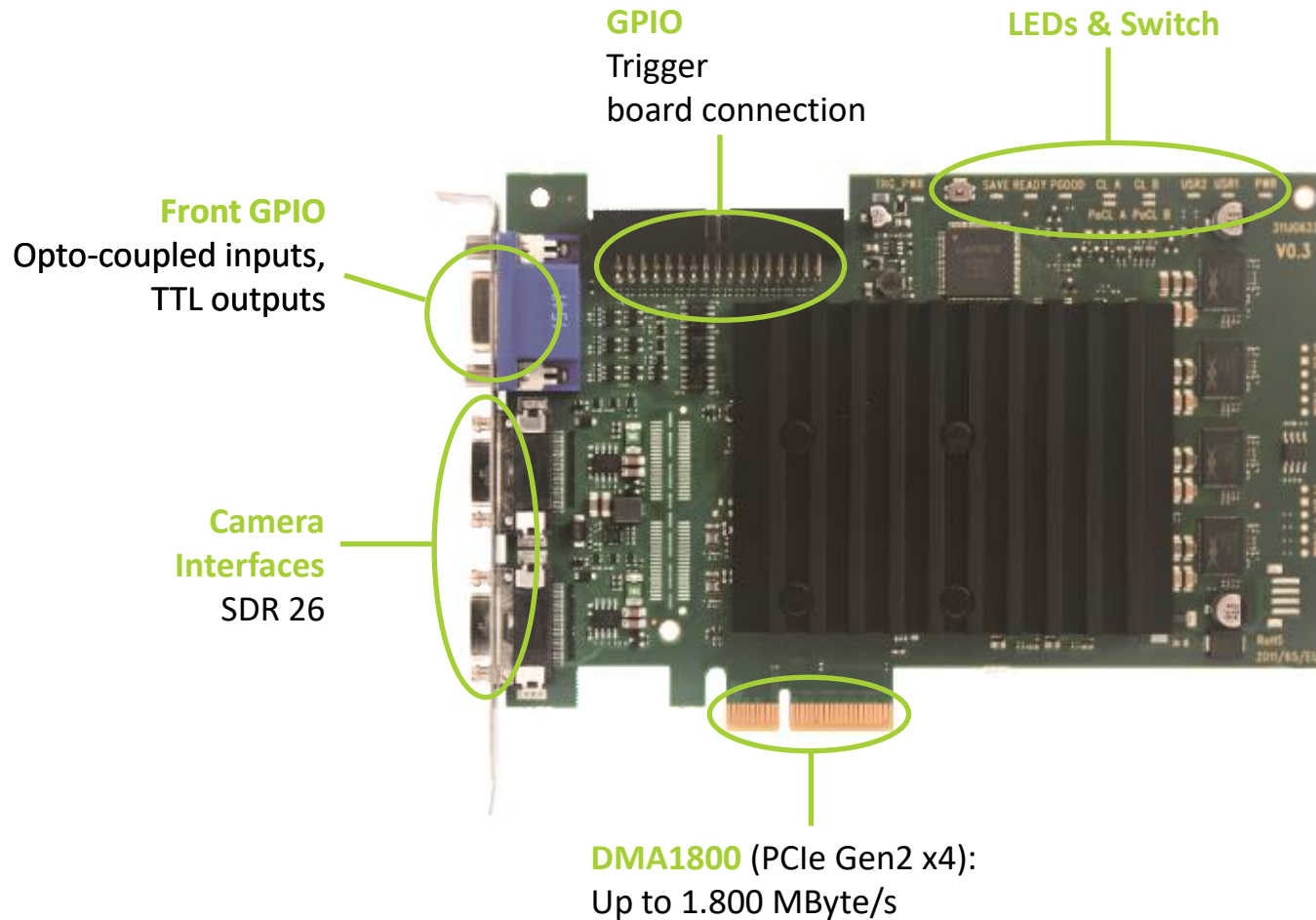
Configuration
Switch



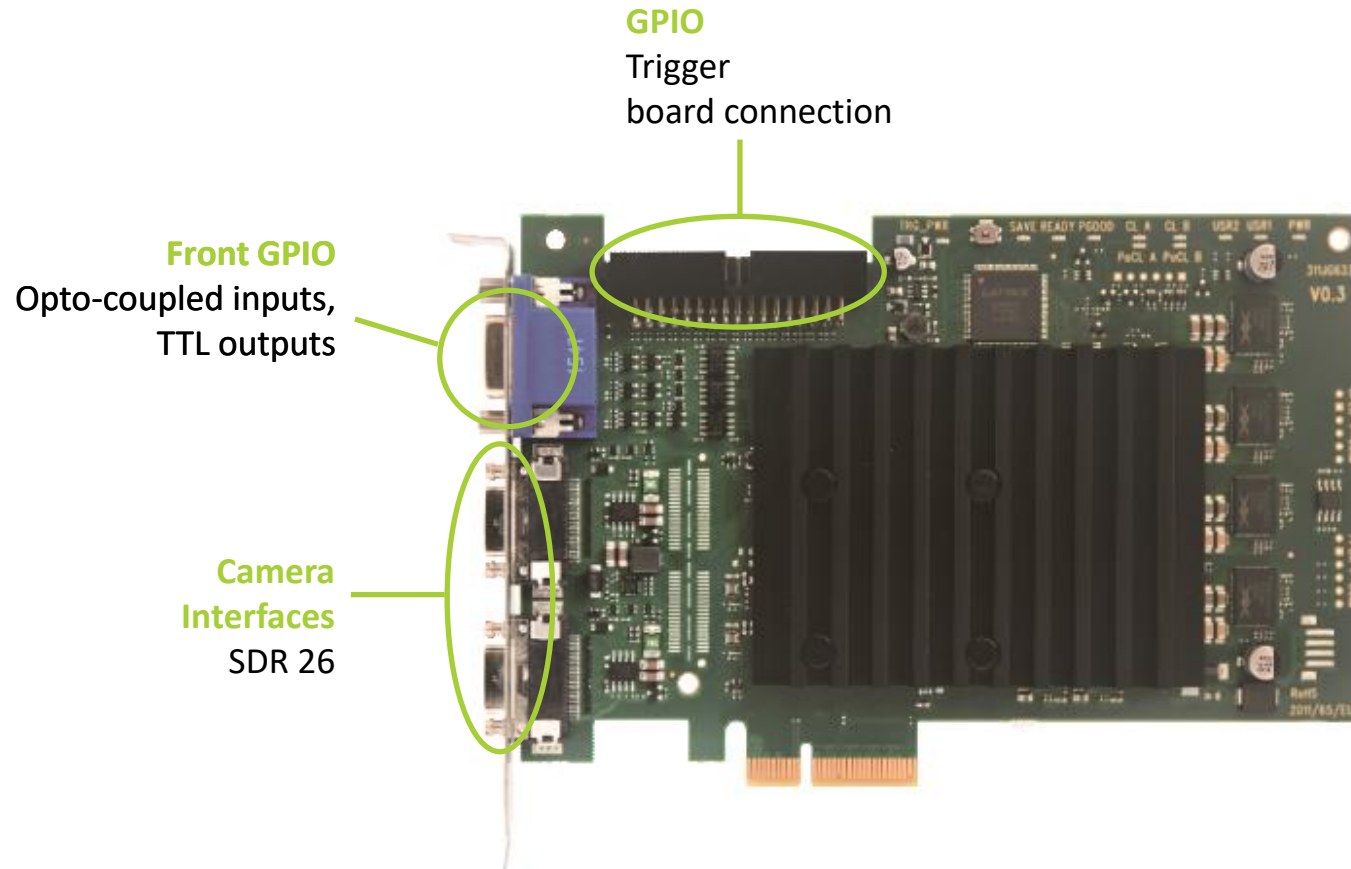
ACL/VCL



ACL/VCL Ports/LEDs

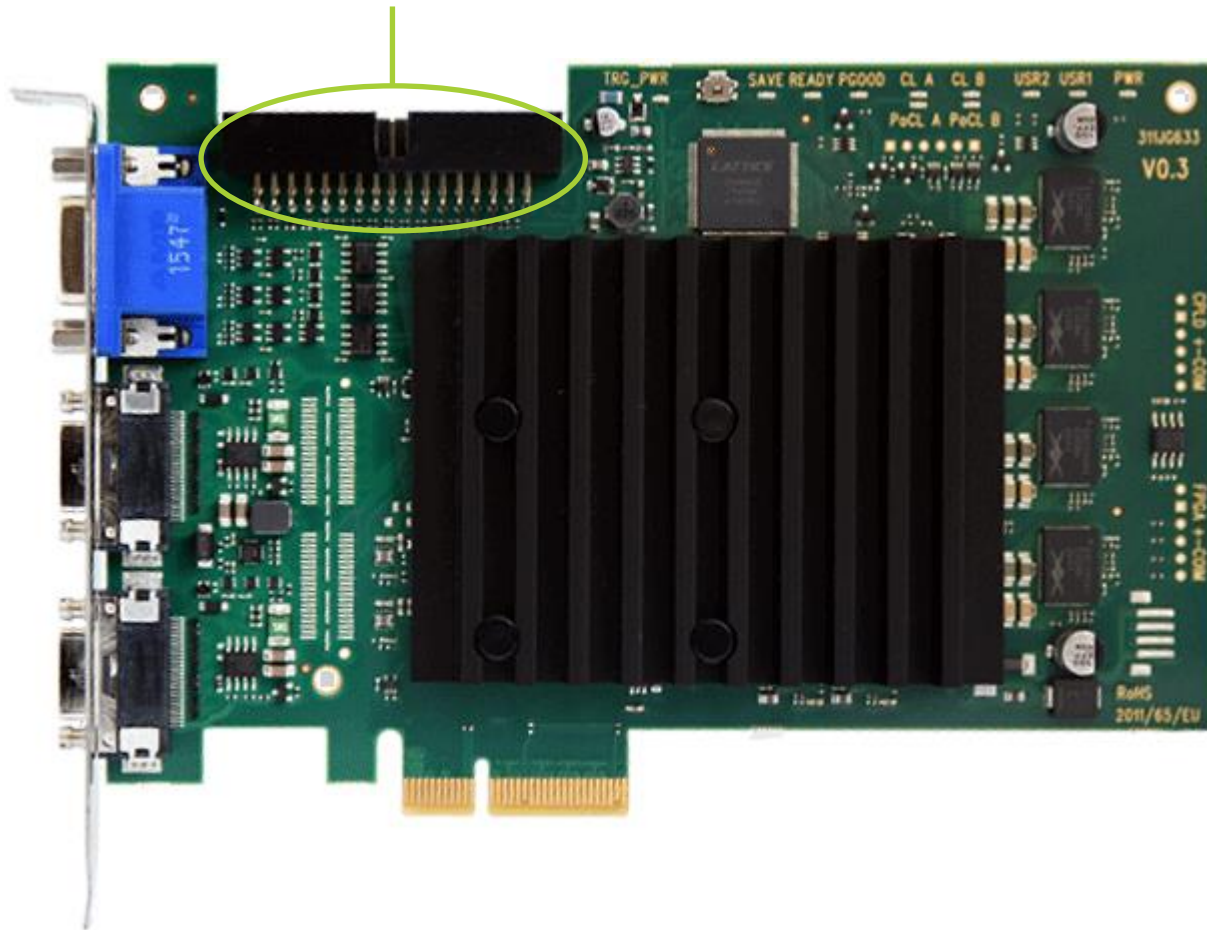


ACL/VCL Trigger Interfaces



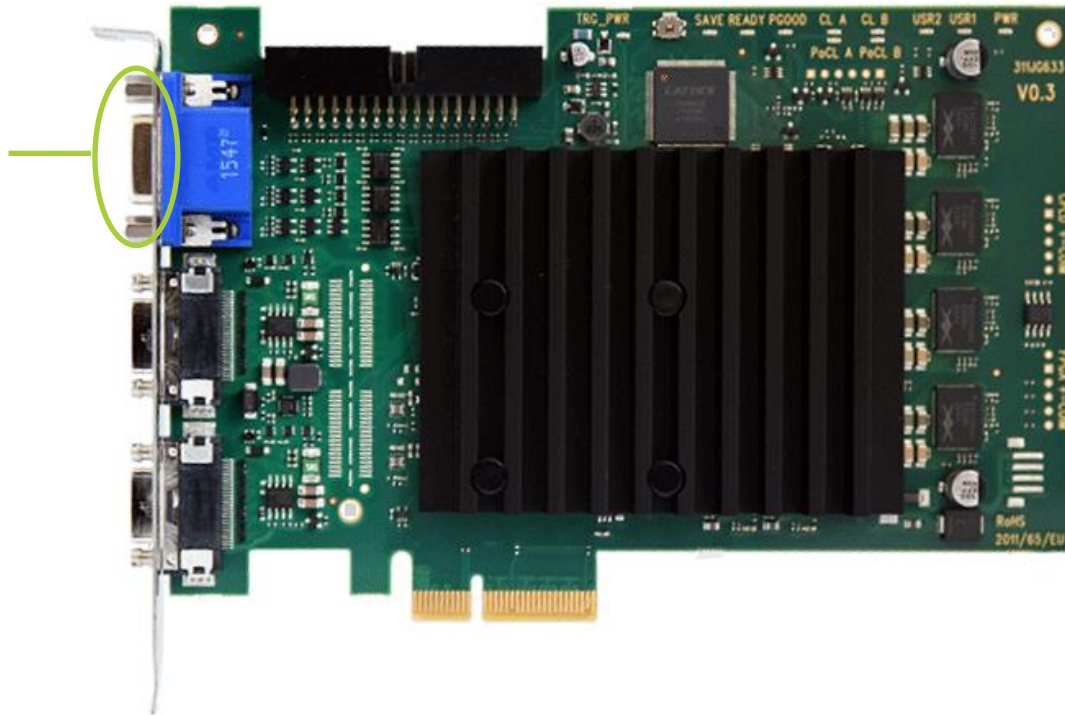
GPIO

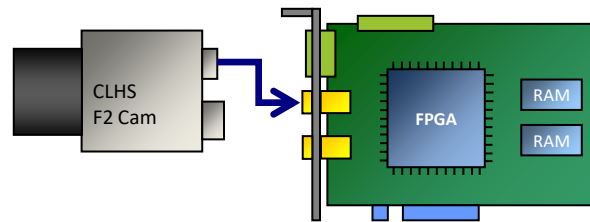
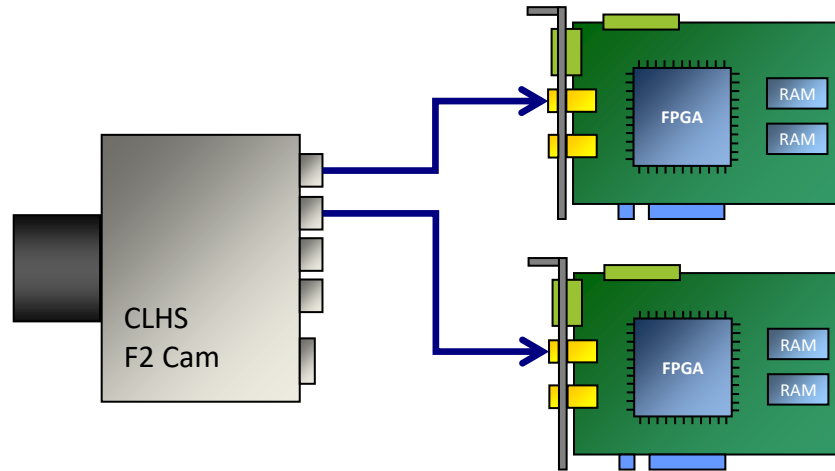
Trigger board
connection

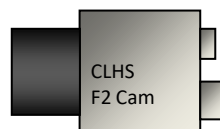
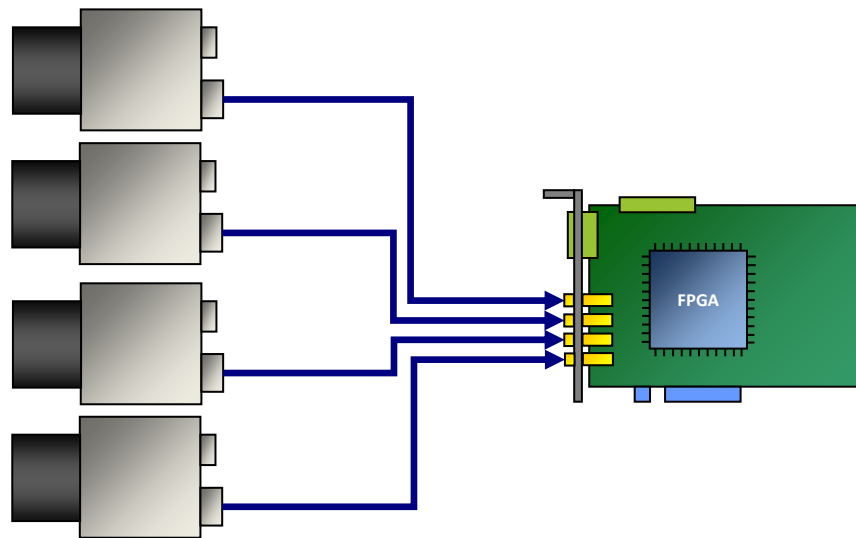


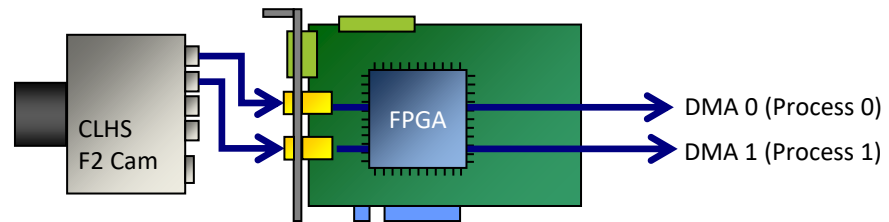
ACL/VCL

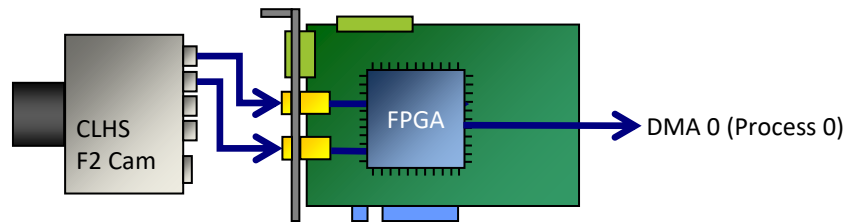
Front GPIO
Opto-coupled inputs,
TTL outputs

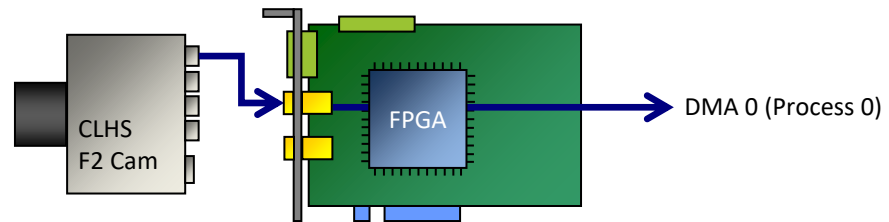




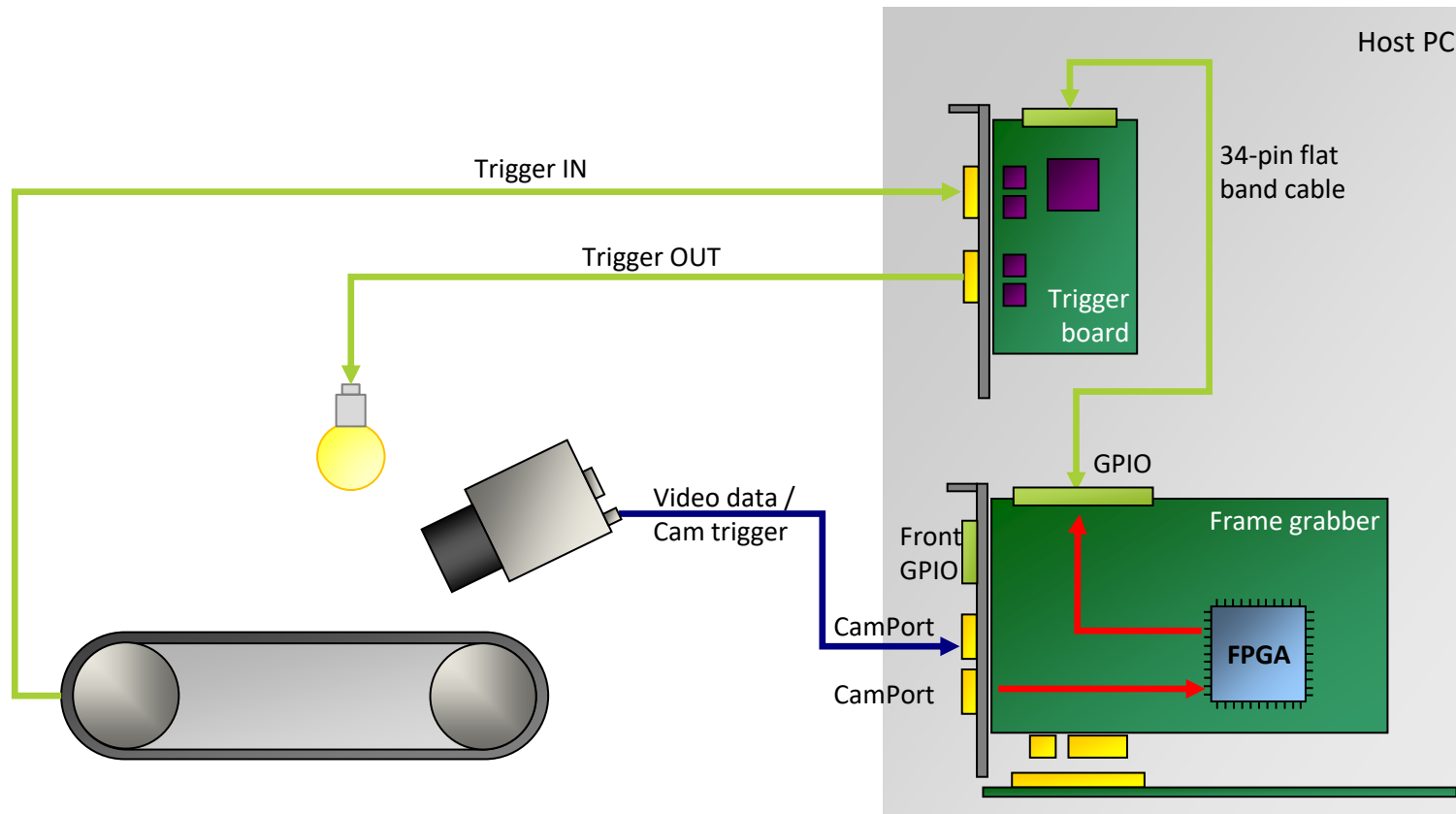




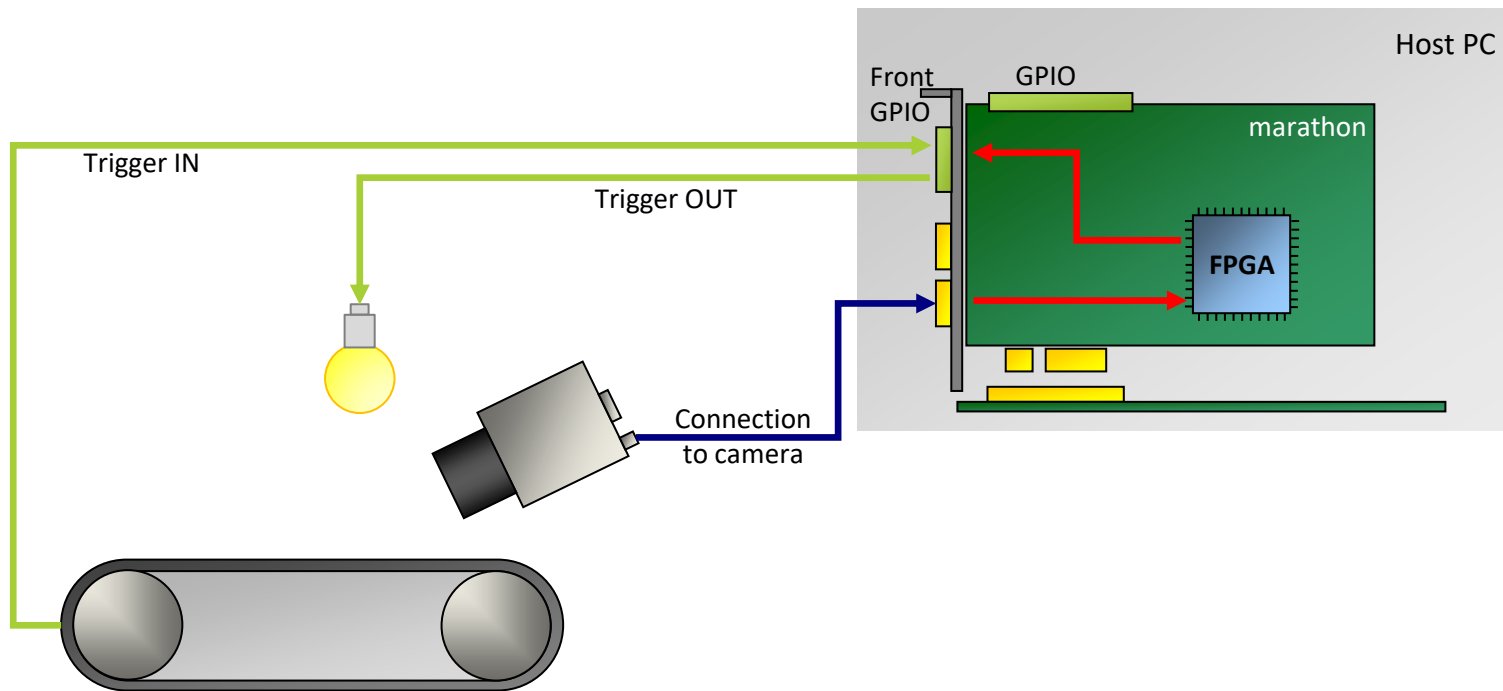




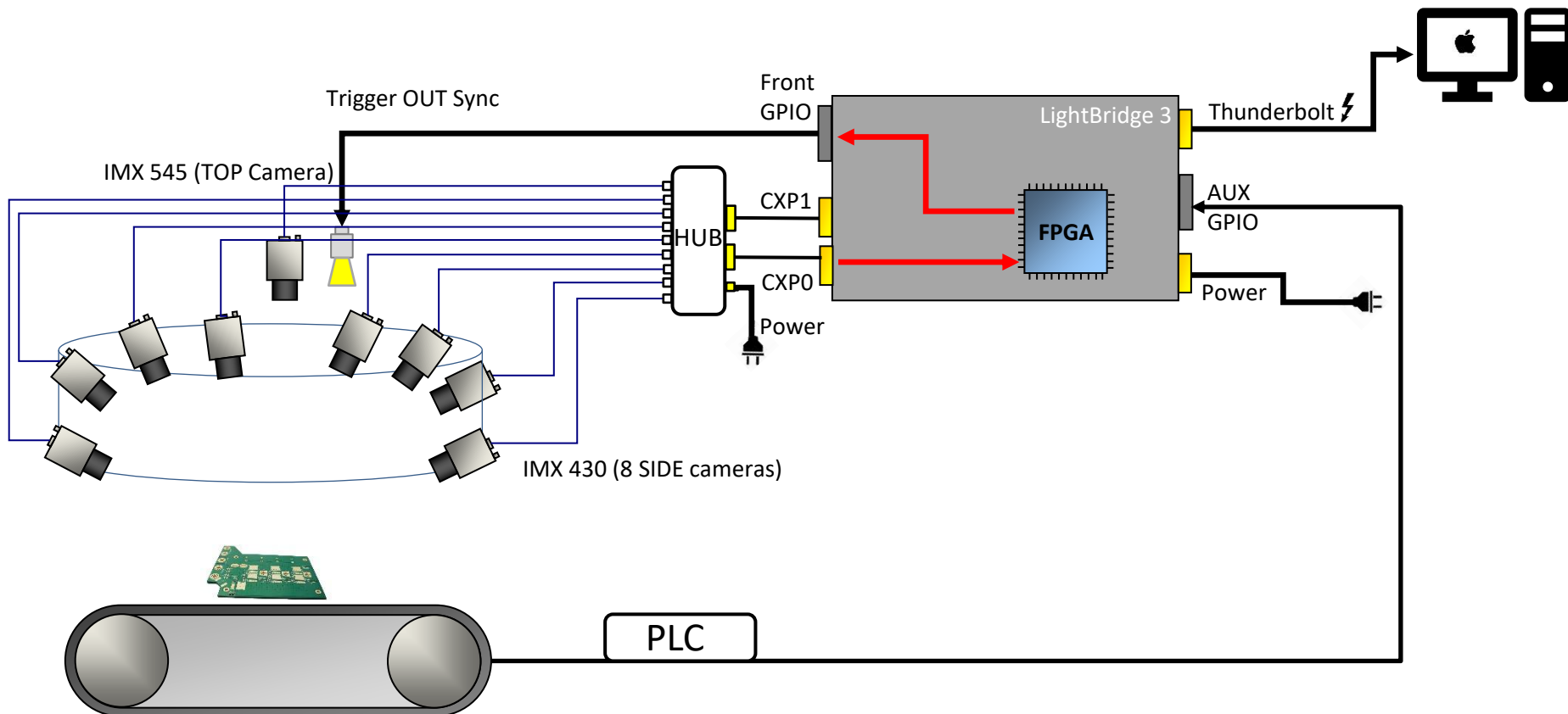
Trigger GPIO (CLHS)



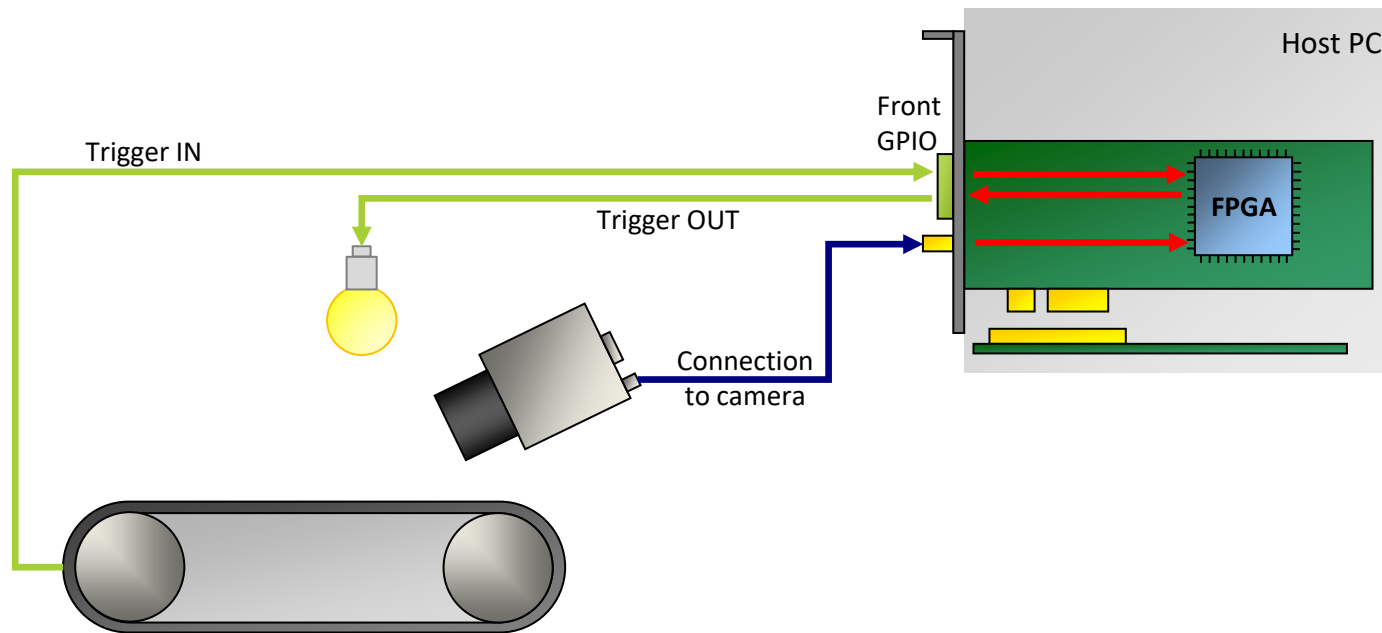
Trigger Front GPIO (CLHS)

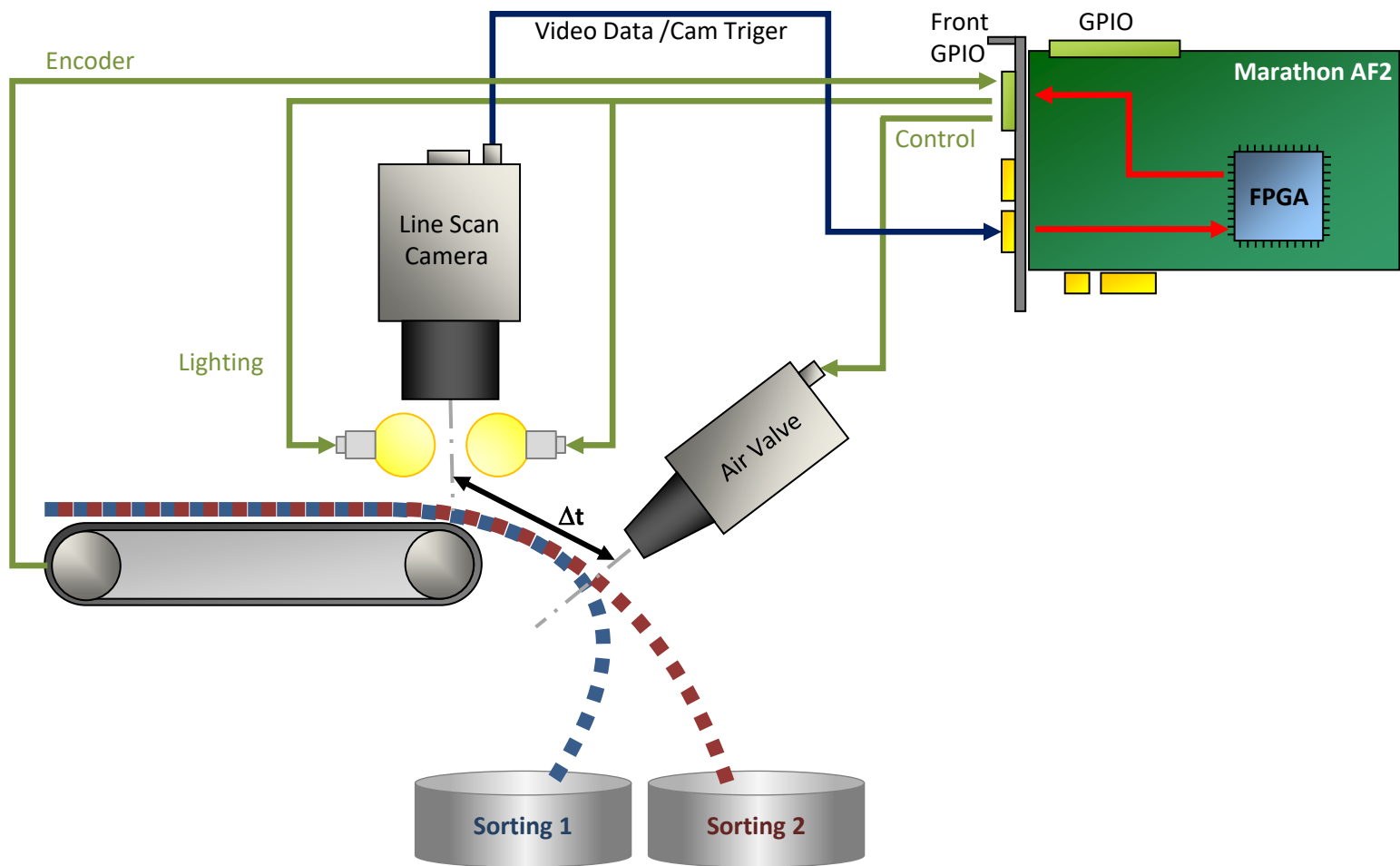


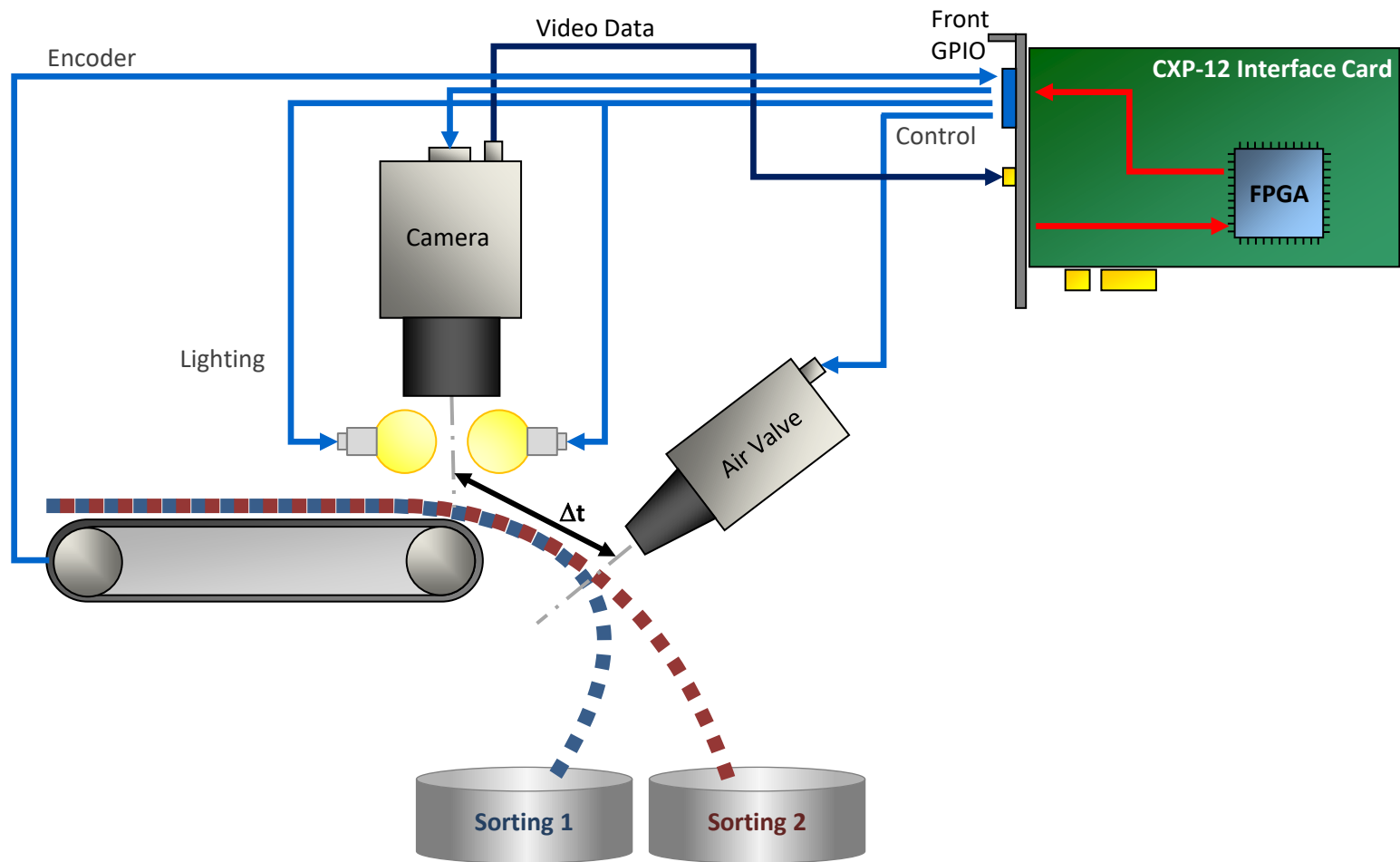
Production Line Integration MUSIC Project



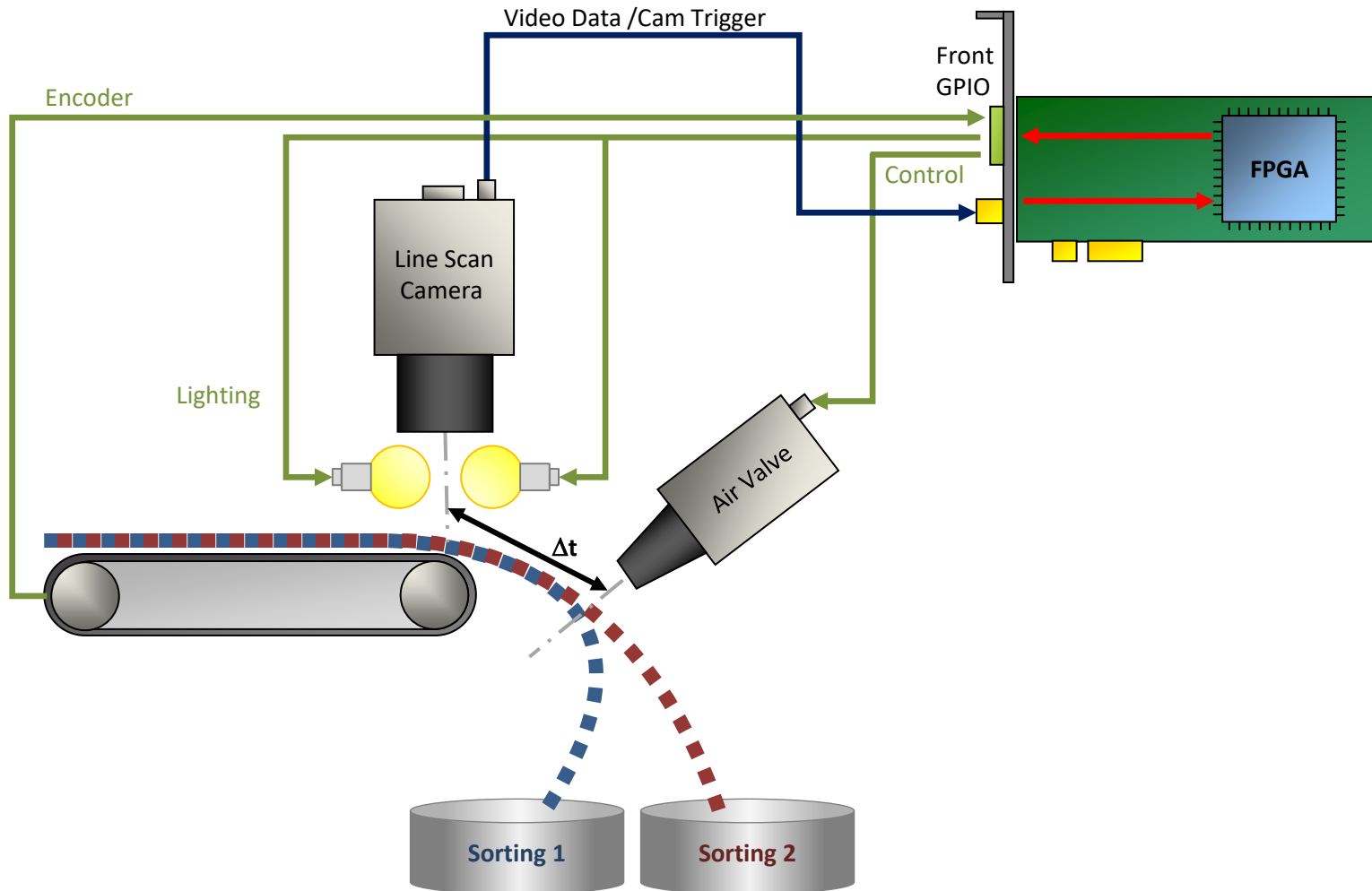
Trigger Front GPIO (Interface Card 1C)

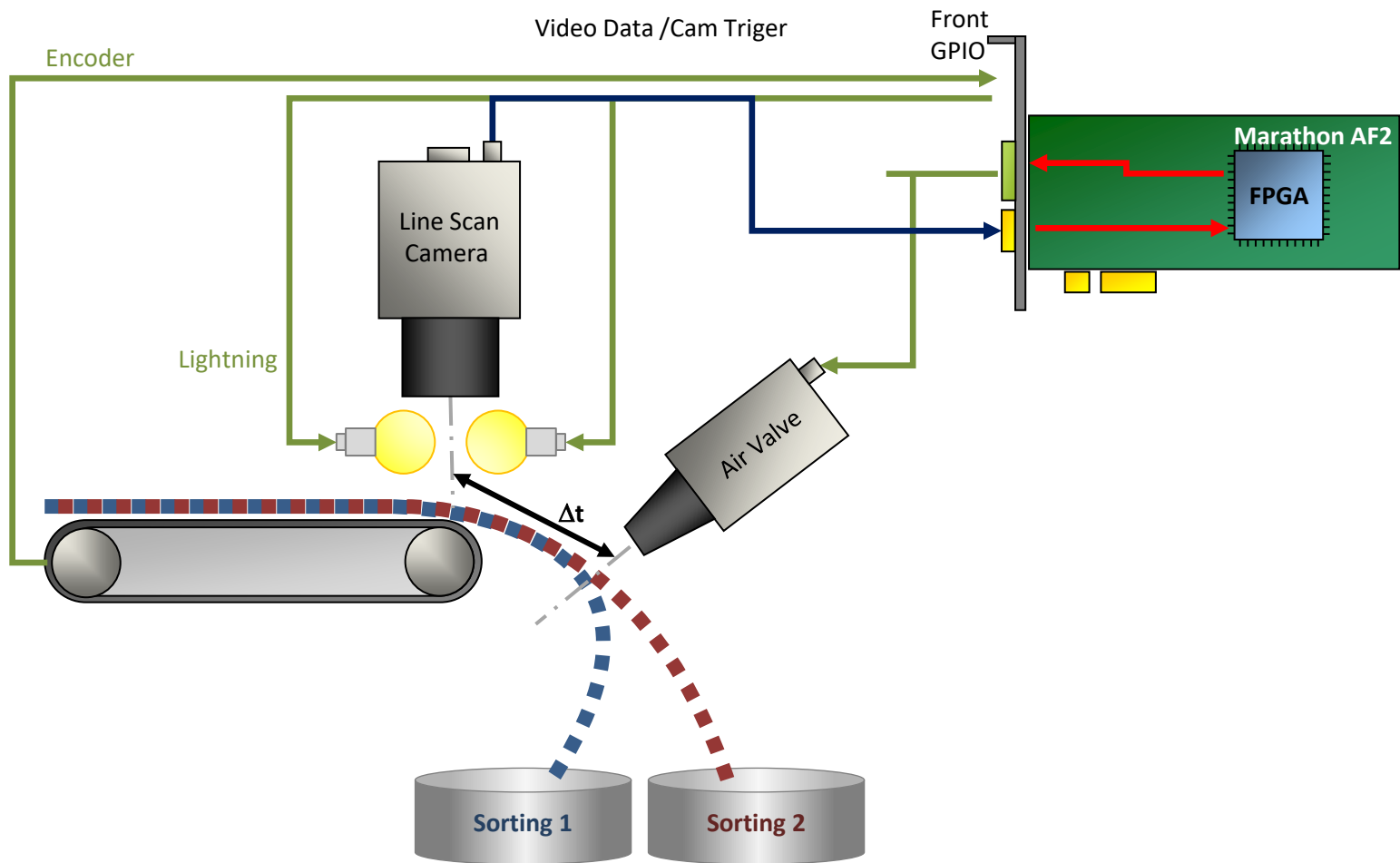


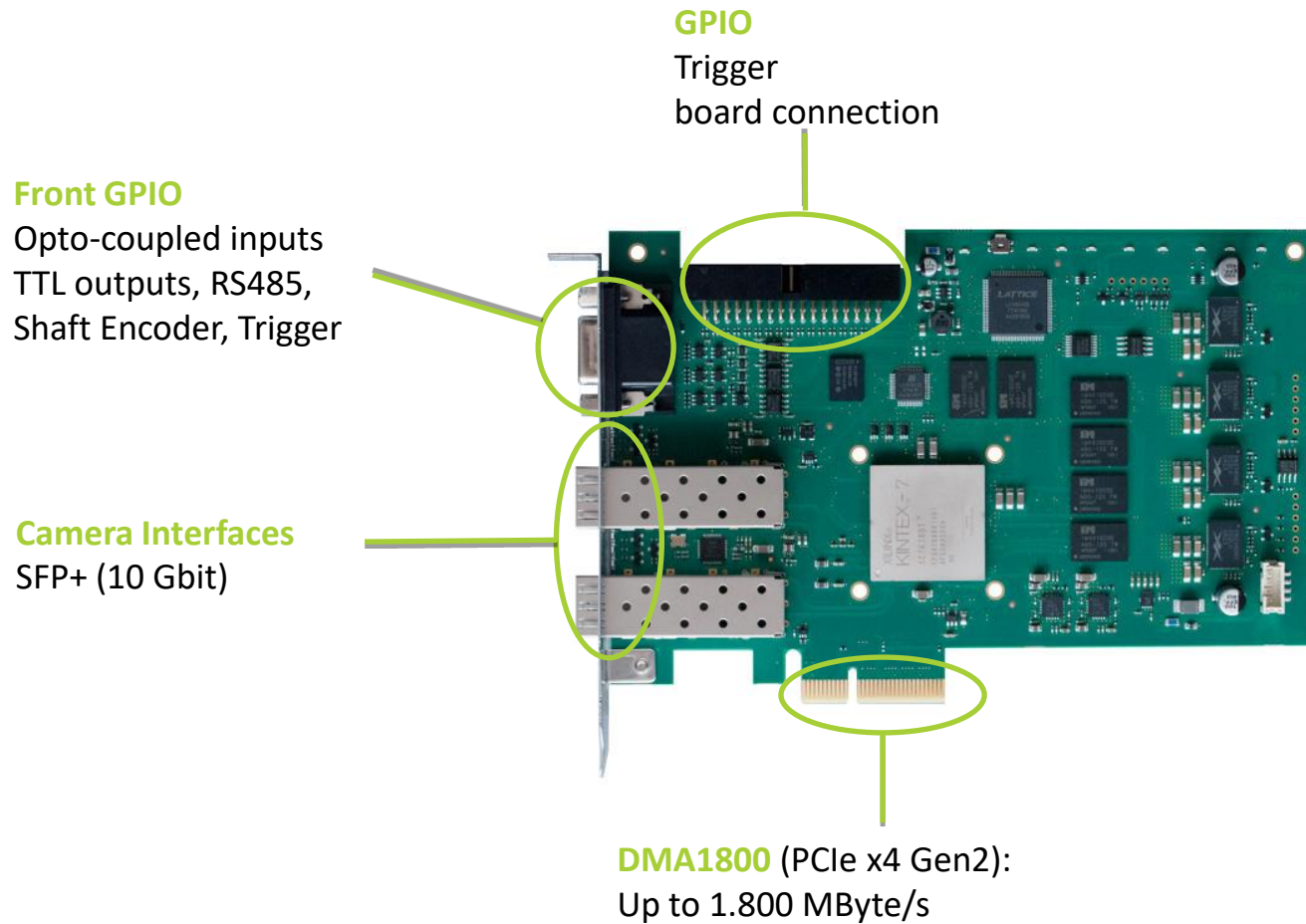




Interface Card 1C

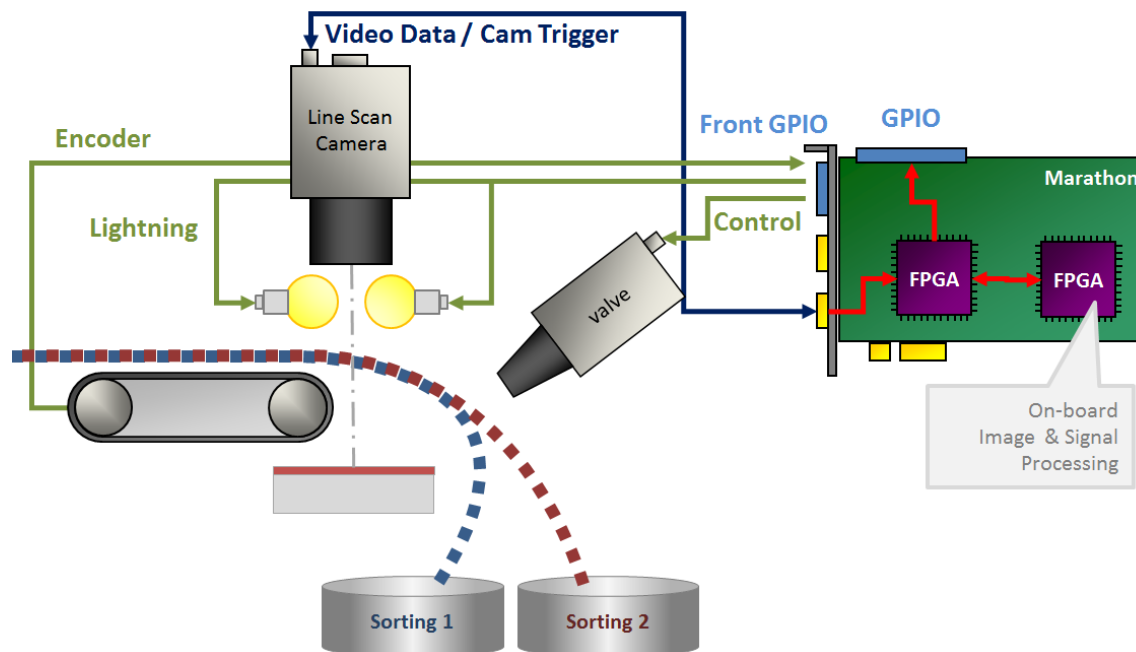


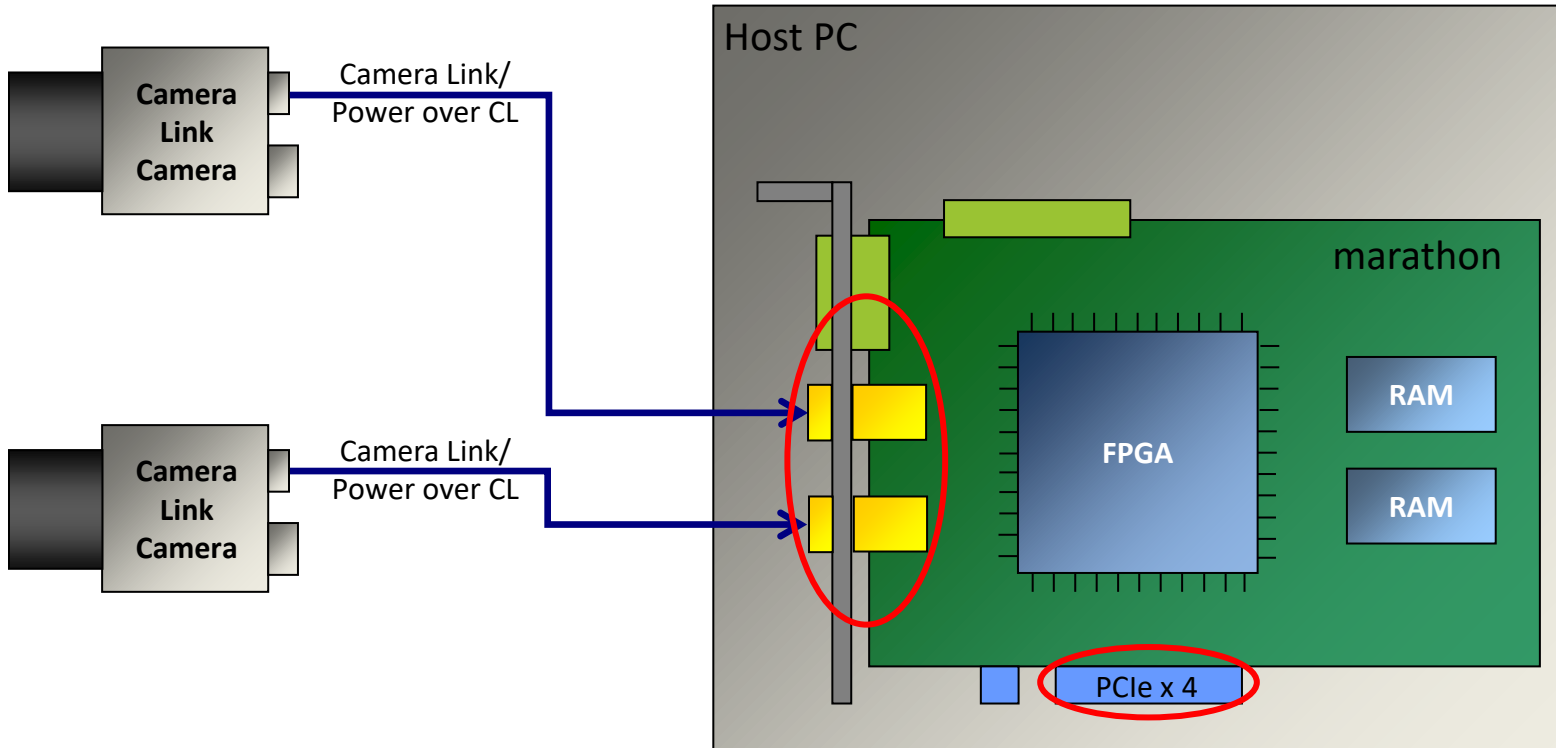


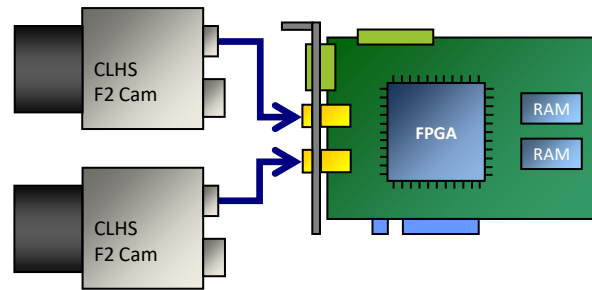


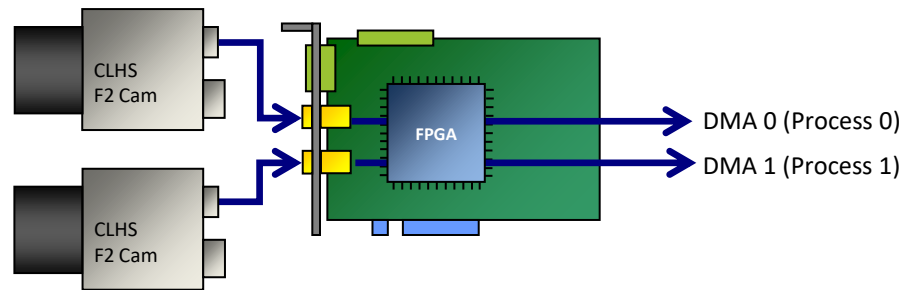
Front GPIO
Opto-coupled inputs,
TTL outputs

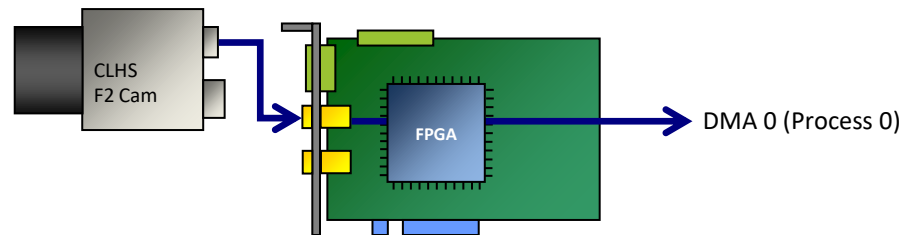












GPIO

Trigger
board connection

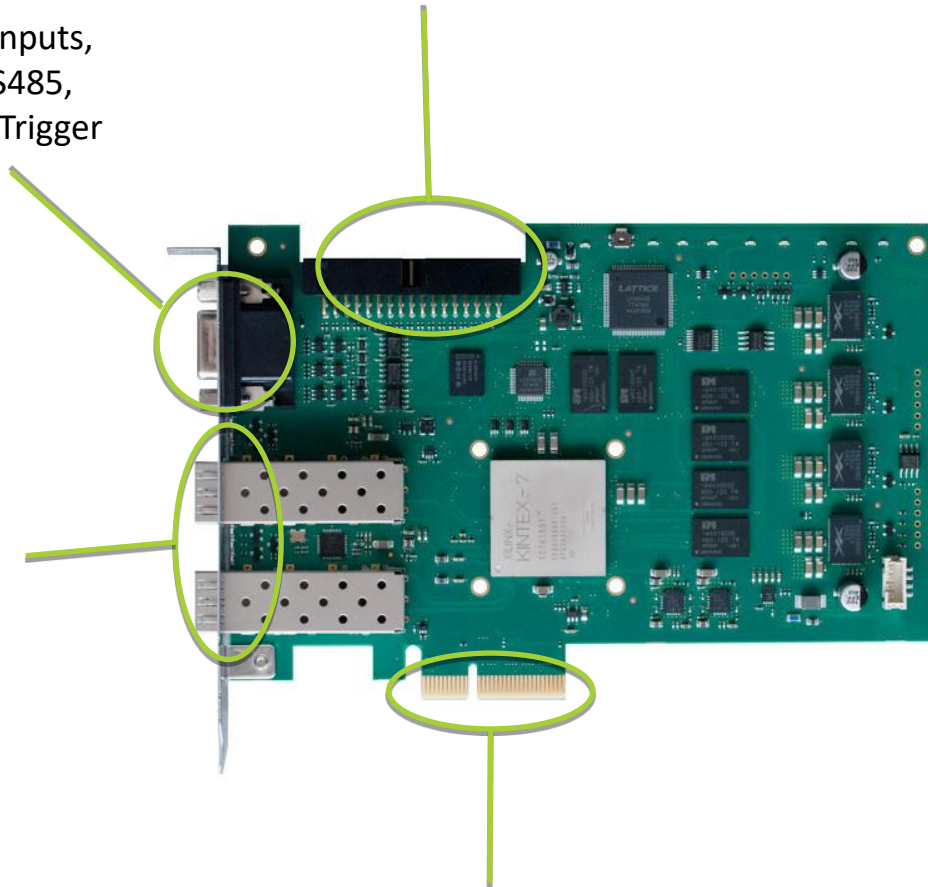
Front GPIO:

Opto-coupled inputs,
TTL outputs, RS485,
Shaft Encoder, Trigger

Camera Interfaces

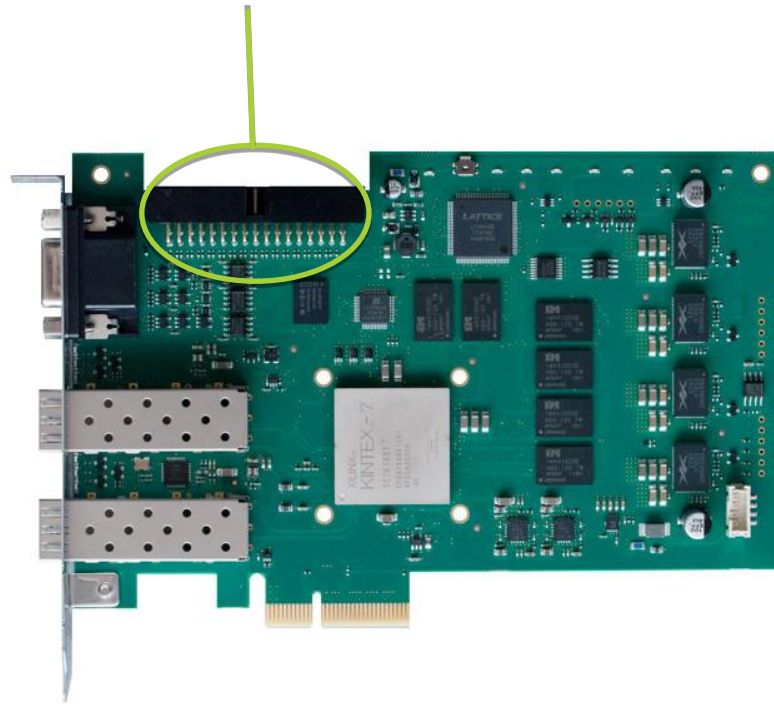
SFP+ (10 Gbit)

DMA1800 (PCIe x4 Gen2):
Up to 1.800 MByte/s



GPIO

Trigger
board connection



Front GPIO:

Opto-coupled inputs
TTL outputs, RS485

