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PCIe Universal Driver. PICMG SHAPI ,Vectored MSI and Peer to Peer PCIe Transactions

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The PCIe universal driver has been used in DESY and XFEL within several years.
During this time a lot of improvements and new futures have been added.
The first implementation of the PICMG SHAPI standard Registers Set with the connections to PCIe MSI and possibility of using PCIe peer to peer transactions well be presentad.

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