

MicroTCA Next Generation Update

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To keep the MicroTCA standard alive it has to follow major developments of technology. The most prominent progress is the increasing transmission speed of CPUs and FPGAs. And on the application side the increasing sizes of image sensors together with increasing update rates for example require much higher system throughput. To address these needs the MicroTCA Next Generation working group of PICMG has recently released version 3 of MTCA.0 that provides the prerequisites for a factor of four speed improvement. The presentation will also cover the further planned steps to enhance the MicroTCA standard.

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