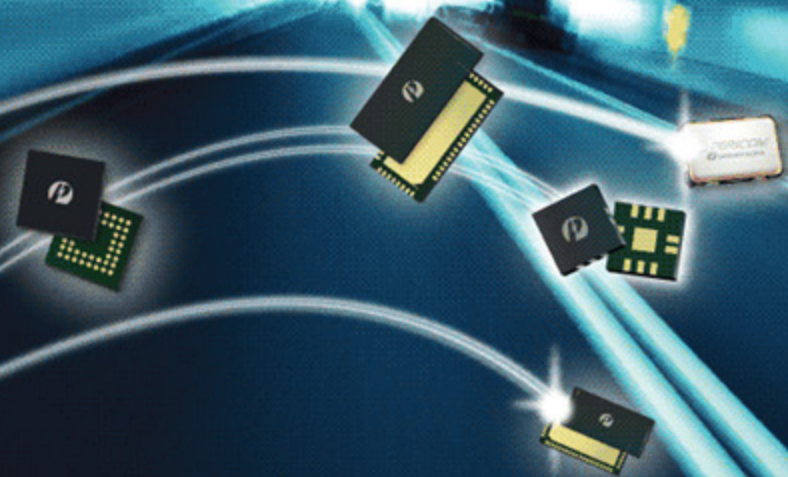


Enabling High-speed Serial Connectivity

For all your Timing, Signal Integrity & Connectivity Needs

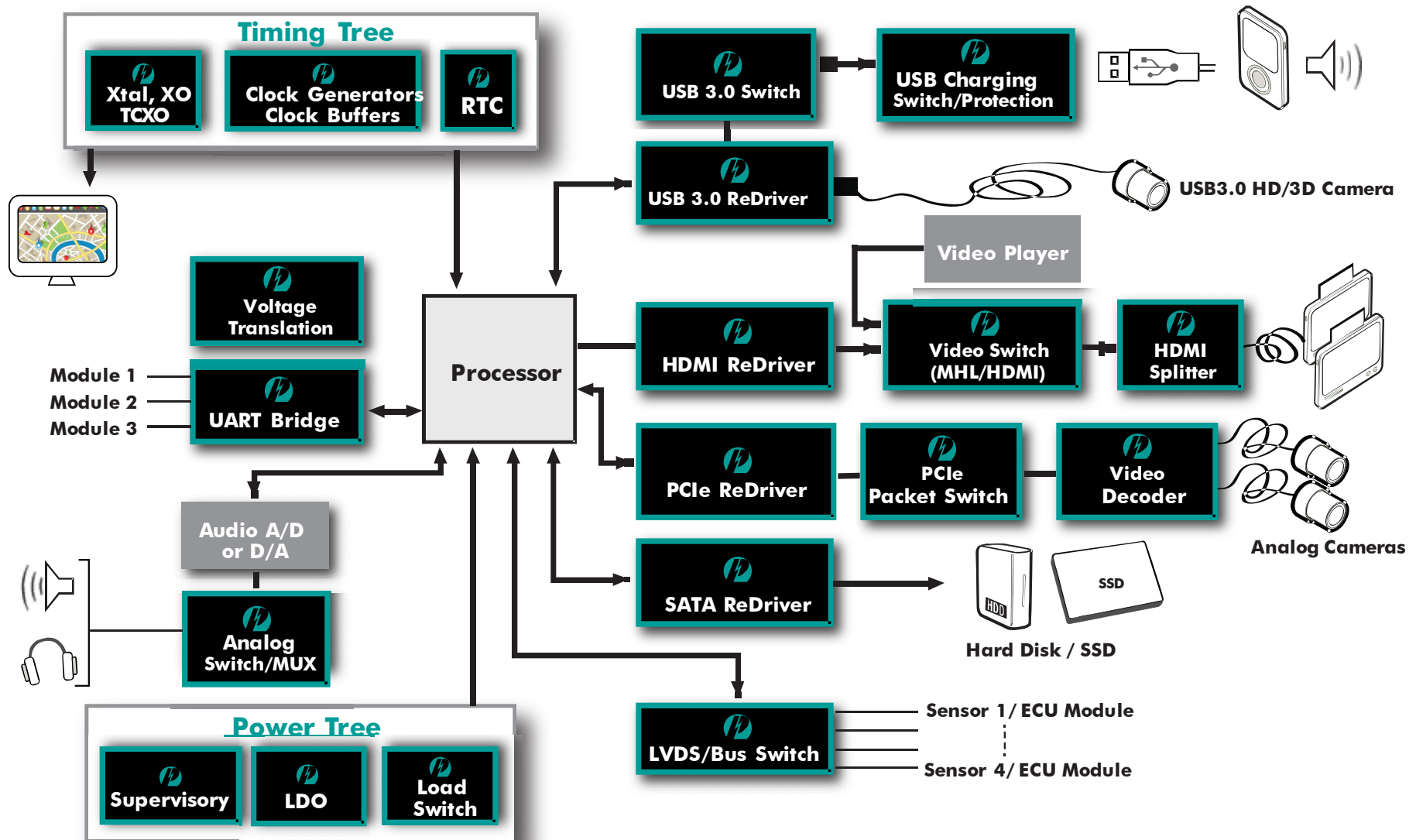
Pericom Solutions
Automotive Segment



Outline

- **Application Block Diagram**
- **Pericom Solution Value Proposition**
- **Pericom AECQ Solutions**
- **Summary**

Infotainment Application - Pericom Product Overview



Why Pericom Solutions?

- Working with major Automotive customers over 5 years
 - Understand the business and requirements
 - Long term commitment for products and services
- Many AECQ-100/200 certified Timing solutions
- The broader USB solutions
 - USB charging, USB redriver, and USB Switch solutions
- The broader ULS (Level shifter) and LVDS solutions
- Cost effective Video solutions

Pericom Product AECQ Status

FCP Family / P/N	Description	Qual Status
FN	7.0x5.0 CMOS XO family, freq. range: 1~166MHz	AEC-Q200
FD	5.0x3.2 CMOS XO family, freq. range: 1~133MHz	AEC-Q200
FK	3.2x2.5 CMOS XO family, freq. range: 1~106.25MHz	AEC-Q200
KD	5.0x3.2 CMOS XO family, freq. 32.768kHz	AEC-Q200
KK	3.2x2.5 CMOS XO family, freq. 32.768kHz	AEC-Q200
KX321	3.2x2.5 Low power Crystal Oscillator, 32.768kHz	AEC-Q200
FY	5.0x3.2 Crystal family, 460 devices, freq. range: 8~125MHz	AEC-Q200
FL	3.2x2.5 Crystal family, 1321 devices, freq. range: 12~66MHz	AEC-Q200
FH	2.5x2.0 Crystal family, 1300 devices, freq. range: 16~66MHz	AEC-Q200
KD3270013Q	5.0x3.2 Crystal Oscillator, 32.768kHz	AEC-Q200
S2678-24.5760(QT)	7.0x5.0 CMOS Crystal Oscillator, 24.576MHz	AEC-Q200
S2680-0.0327(QT)	5.0x3.2 Crystal Oscillator, 32.768kHz	AEC-Q200
IC P/N		
PI6C557-05Q	PCIe Gen1/Gen2 4-output Clock Generator	AEC-Q100
PI6C557-03AQ	PCIe Gen1/Gen2 2-output Clock Generator	AEC-Q100
PI6C557-01BQ	PCIe Gen1/Gen2 1-output Clock Generator	AEC-Q100
PI5USB2546Q/2546AQ	USB Charger	AEC-Q100
PI5USB2544Q/2544AQ	USB Charger	AEC-Q100
PI5USB2549Q	Dedicated USB Charger	Coming soon
PI3EQX501BQ	USB3.0 single channel re-driver	AEC-Q100
PI3EQX7741AIQ	USB3.0 two channel re-driver	AEC-Q100

***More devices are on the way
For detailed part numbers, please contact Pericom sales***

Summary

- **Broad Portfolio including timing, USB charging, USB switching, Redriver, video, bridge, etc. for Automotive applications**
- **Committed to invest in products and Automotive AECQ qualification**
- **Established player in this market and expanding customer base with more solutions**

The End

Thank You