Line Arrays	SDCM3	SDCM4	PE60_2
CMOS			
HAMAMATSU			
S837x	X		
S922x	X		
S11639	X	X	X
S13496	X	X	X
C12880MA	X		
NMOS			
HAMAMATSU			
S390x		X	X
S593x		X	X
S838x		X	X
BT CCD			
HAMAMATSU			
S11071			X
S703x		X	X
S1014x		X	X
S10420/S14650		X	X
S1115x		X	X
S11850/511		X	X
InGaAs			
SU LSB 256/512 T0-T3		X	X
HAMAMATSU			
G92xx		X	X
G11620	X	X	X
G11508/1147x		X	X
G13913		X	

JETI Readout Electronics for image sensors are ideally featured for embedded or mobile spectroscopic applications:

- Easy communication via firmware commands or DLL's by various interfaces
- Firmware, that can be used in general, or user specific OEM applications in spectroscopy
- Easy adaption to different spectrographs by separate sensor board (SDCM4, PE60)
- Driver for Windows 8 and 10 (32 bit/ 64 bit)

For the individual datasheets see: www.jeti.com

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JETI TECHNISCHE INSTRUMENTE GMBH

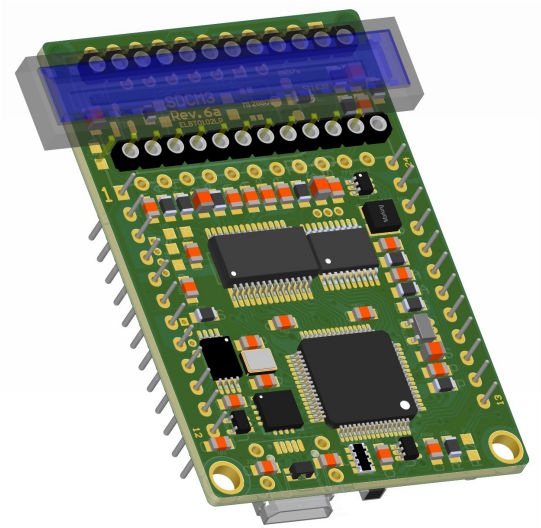
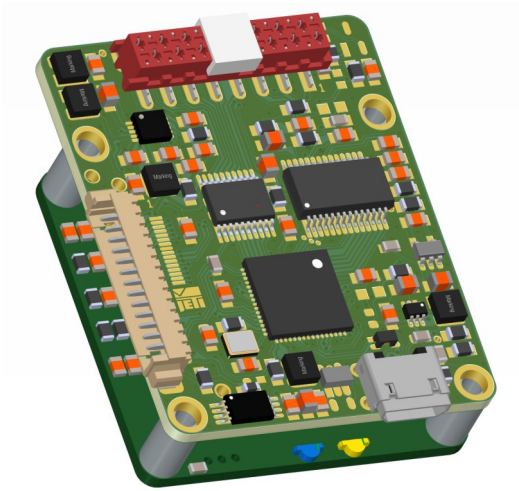
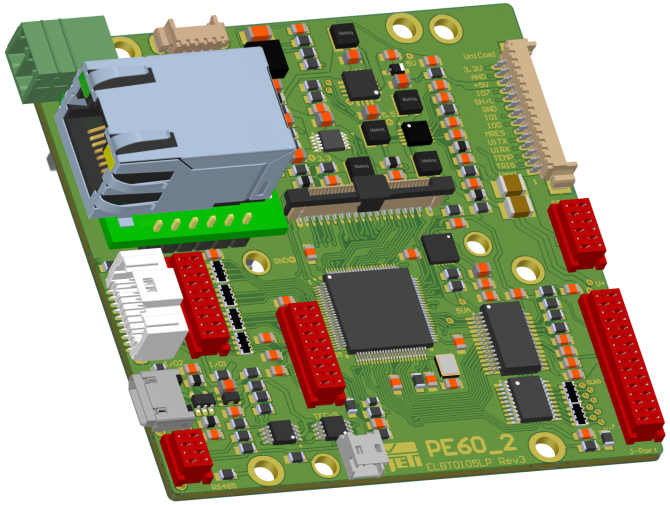
Readout Electronics

for image sensors

SDCM3

SDCM4

PE60

SDCM3	SDCM4	PE60_2
		
Economic one board solution, which can be extended to a stand alone system	Tiny solution for a variety of sensors in mobile or general applications	Read out electronics for high speed, process-control and multichannel applications
96 MHz - 32 bit microprocessor	100 MHz - 32 bit microprocessor	252 MHz - 32 bit microprocessor
16 bit 5 MS/s ADC	16 bit 5 MS/s ADC	16 bit 10 MS/s ADC
USB 2.0 full speed, TTL-UART, SPI (LAN, BlueTooth add-on board)	USB 2.0 high speed, TTL-UART, SPI	USB 2.0 high speed, Ethernet, TTL-UART, SPI, RS422/485
Trigger; Shutter/Lamp and 8 GPIO pins User accessible nonvolatile memory of 64 kB	Trigger, Shutter/Lamp and 3(8) GPIO pins	Trigger, Shutter/Lamp, 8(16) GPIO and 3 analog Input pins
Optional: microSD card; real time clock / calendar (RTCC); Li-ion battery powered	Optional: thermoelectric cooler and led source populated as TEC-S add-on board	Optional: thermoelectric cooler and led source populated as TEC-S add-on board
36 mm x 53 mm x 15 mm Add-on board: 36 mm x 53 mm x 12 mm	Main board: 36 mm x 45 mm x 10 mm TEC-S board: 36 mm x 36 mm x 7 mm	Main board: 70 mm x 70 mm x 20 mm TEC-S board: 36 mm x 36 mm x 7 mm

Please contact sales@jeti.com for other sensors and special hard or firmware modifications.