



Line Arrays	SDCM3	VersaPic	PE
CMOS			
HAMAMATSU S837x	X	X	X
HAMAMATSU S922x	X	X	X
HAMAMATSU S11639	X		
NMOS			
HAMAMATSU S390x		X	X
HAMAMATSU S593x		X	X
HAMAMATSU S838x		X	X
BT CCD			
HAMAMATSU S10420		X	X
HAMAMATSU S703x		X	X
HAMAMATSU S10140		X	X
HAMAMATSU S11071		X	
HAMAMATSU S1115x		X	X
InGaAs			
SU LSB 256 T0, T1, T2, T3		X	X
SU LSB 512 T0, T1, T2, T3		X	X
HAMAMATSU G92xx		X	X
HAMAMATSU G11620			X

JETI Read out Electronics for line arrays are ideally featured for embedded or mobile spectroscopic applications:

- ◆ Possibility of in field programming by integrated bootloader via the communication interfaces, which allows easy updating of firmware
- ◆ Firmware, that can be used in general applications or user specific OEM applications in spectroscopy
- ◆ Easy adaptable to different spectrographs due to a separated sensor board (VersaPic, PE60)
- ◆ Driver for Windows Vista/ Windows 7

For the individual datasheets see: www.jeti.com



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Read out Electronics for Line Arrays

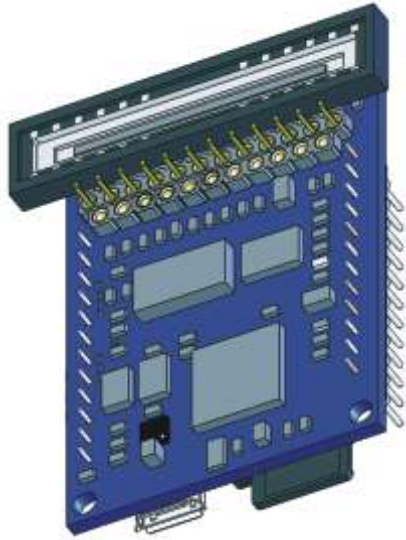
SDCM3

VersaPic

PE60



SDCM3



Economic one board solution, which can be extended to a stand alone system

32 bit processor

16 bit 5 MS/s 2 channel ADC

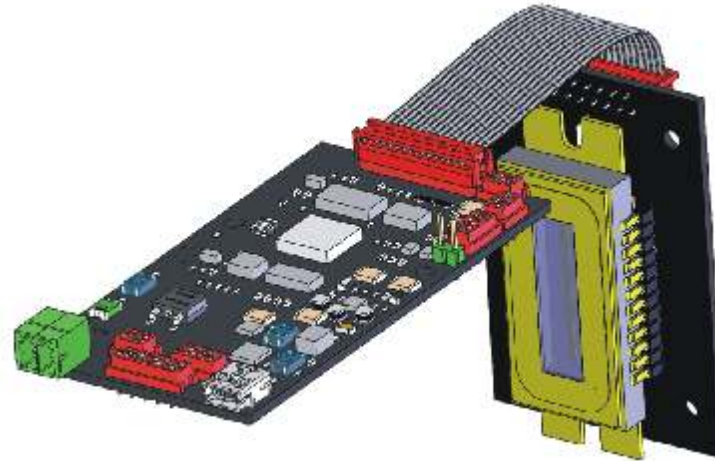
USB 2.0 full speed, TTL UART, Bluetooth via piggy back board

Piggy back board for battery power supply, Bluetooth, Ethernet interface

Optional microSD card for storing measurements, real time clock / calendar (RTCC)

36 mm x 53 mm x 12 mm

VersaPic



Versatile and flexible two board solution for a variety of line arrays

16 bit processor

16 bit 5 MS/s 2 channel ADC

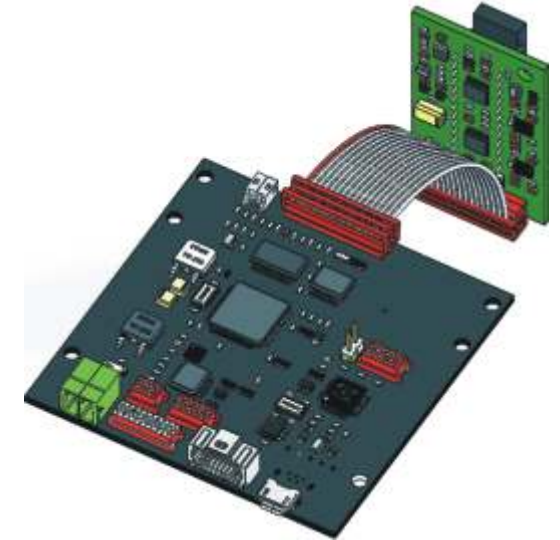
USB 2.0 high or full speed; TTL-UART; SPI; RS232; RS422/485; I2C

Trigger input; Shutter and flash lamp control output

Optional thermoelectric cooler populated as a piggy back board

Main board: 87 mm x 45 mm x 11 mm
Sensor board: 48 mm x 31 mm

PE60



Read out electronics for process control (two board solution)

32 bit processor

16 bit 5 MS/s 2 channel ADC

USB 2.0 high or full speed; TTL-UART; SPI; RS232

3 digital inputs; 6 digital outputs; 3 analog inputs

Optional thermoelectric cooler populated as a piggy back board

Main board: 70 mm x 70 mm x 11.5 mm
Sensor board: 48 mm x 31 mm