

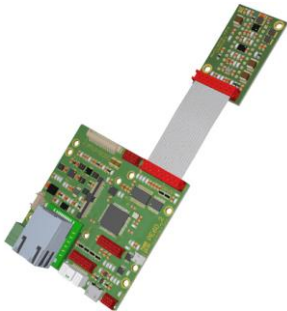
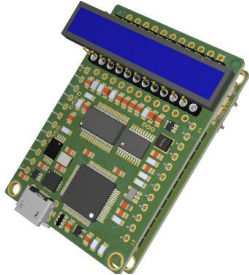
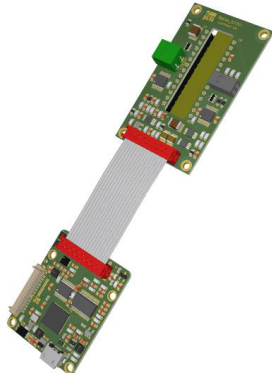
图像传感器读出电路板

JETI 公司的读出电路模块专注于光谱测试应用，是嵌入式或便携光谱应用的理想选择。具有如下特点：



- 提供各种不同的通讯接口，可通过固件或 DLL 进行通讯
- 可在固件中实现自定义的应用或计算
- 通过独立的适配板匹配不同的传感器
- 集成光源（含闪光灯及激光）控制
- 提供基于 Win 8 /10 的 32 及 64 bit 驱动

选型指南

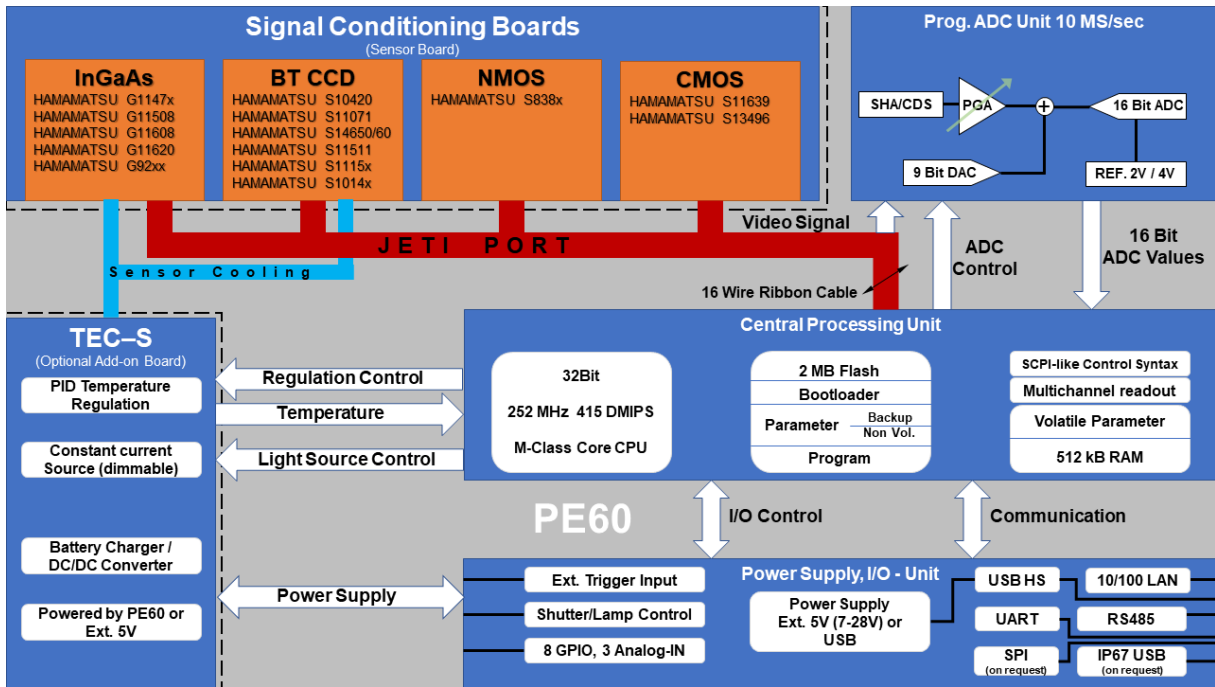
	PE 60_2	SDCM3	SDCM4
图片			
特点	功能强大，适合高速过程控制及多通道测试应用。能够兼容广泛的外围部件，及复杂的内部计算。	经济型单板解决方案，主要为线阵传感器及滨松微型光谱仪设计，可扩展支持蓝牙通讯。	便携应用，体积小，高度集成、模块化，用于小型光谱仪及系统集成，可选热电传感器制冷。
处理器	252 MHz - 32 bit	96 MHz - 32 bit microprocessor	96 MHz - 32 bit microprocessor

	microprocessor		
速度	16 bit 10 MS/s ADC	16 bit 5 MS/s ADC	16 bit 5 MS/s ADC
接口	USB 2.0 high speed, Ethernet, TTL-UART, SPI, RS422/485	USB 2.0 full speed, TTL-UART, SPI (LAN, Bluetooth add-on board)	USB 2.0 high speed, TTL-UART, SPI
串口	Trigger, Shutter/Lamp, 8(16) GPIO and 3 analog Input pins	Trigger; Shutter/Lamp and 8 GPIO pins User accessible nonvolatile memory of 64 kB	Trigger, Shutter/Lamp and 3(8) GPIO pins
可选项	Thermoelectric cooler and led source populated as TEC-S add-on board	microSD card; real time clock / calendar (RTCC); Li-ion battery powered	Thermoelectric cooler and led source populated as TEC-S add-on board
尺寸	Main board: 70 mm x 70 mm x 20 mm TEC-S board: 36 mm x 36 mm x 7 mm	Main 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
支持的图像传感器	S837x, S11639, S13496, ... (CMOS) S838x, ... (NMOS) G13913 (InGaAs mini) G11620, G92xx, ... (uncooled InGaAs) G1147x, G11620, G92xx, ... (cooled InGaAs) S10140, S10420, S11071, S1115x, S7030, ... (BTCCD) S10141, S11511, S11850, S1325x, S7031, ... (cooled BTCCD) Others on request	S11639, S13496x, S8378 (CMOS) G11620 (InGaAs) C12880MA, ... (micro-Spectrometer)	S837x, S11639, S13496, ... (CMOS) S3901, S838x, ... (NMOS) (one board version available) G13913 (InGaAs mini) (only one board version – flex sensor) G11620, G92xx, ... (uncooled InGaAs) G1147x, G11620, G92xx, ... (cooled InGaAs) S10140, S10420, S1115x, S7030, ... (BTCCD) S10141, S11511, S11850, S1325x, S7031, ... (cooled BTCCD) Others on request
固件功能	<ul style="list-style-type: none"> ● 背景噪声计算、光度色度计算、参考模式、透射、吸收（基于像素或波长模式） ● 读出模式：Averaging, Oversampling, Offset, Gain, Pixelrange, Pixelbinning ● 兼容 SCPI 指令控制 ● Windows DLLs Operating_Instructions_Firmware_SPECFIRM.pdf		
	支持连续 2D 图像及垂直多通道模式读出		支持连续 2D 图像及垂直多通道模式读出

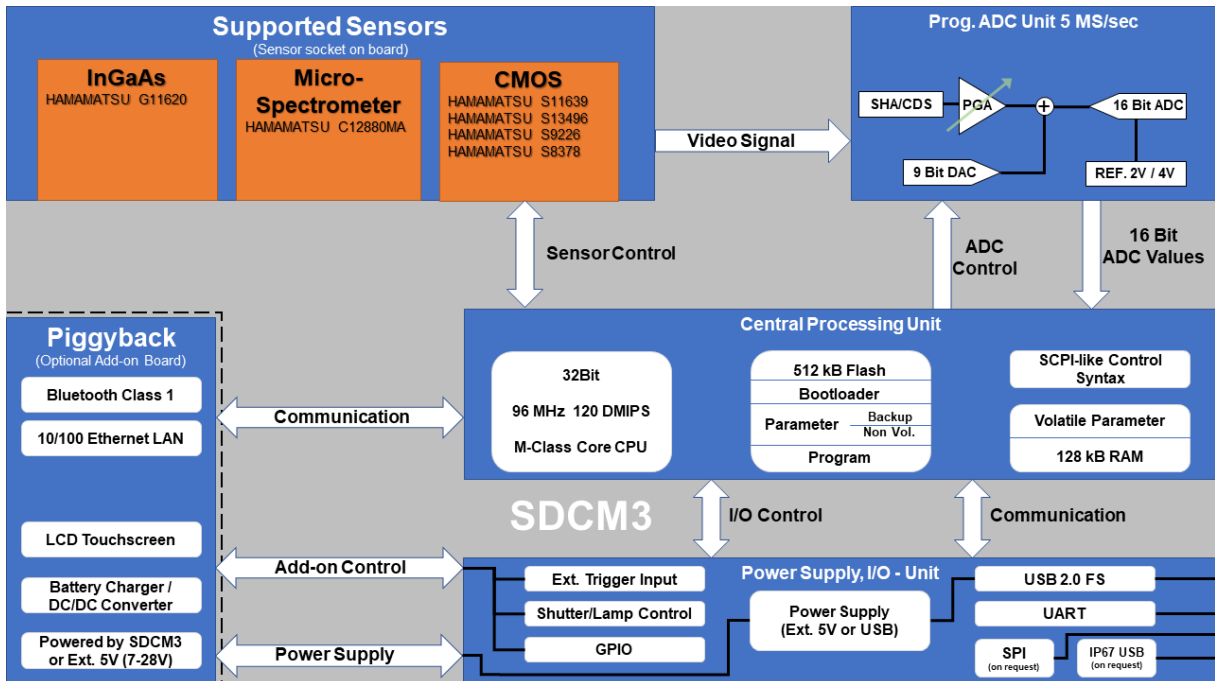
相关资料	PE60_2.pdf	SDCM3.pdf	SDCM4.pdf
	PE60_2 Hardware Description.pdf	SDCM3 Hardware Description.pdf	SDCM4 Hardware Description.pdf

Block Diagram

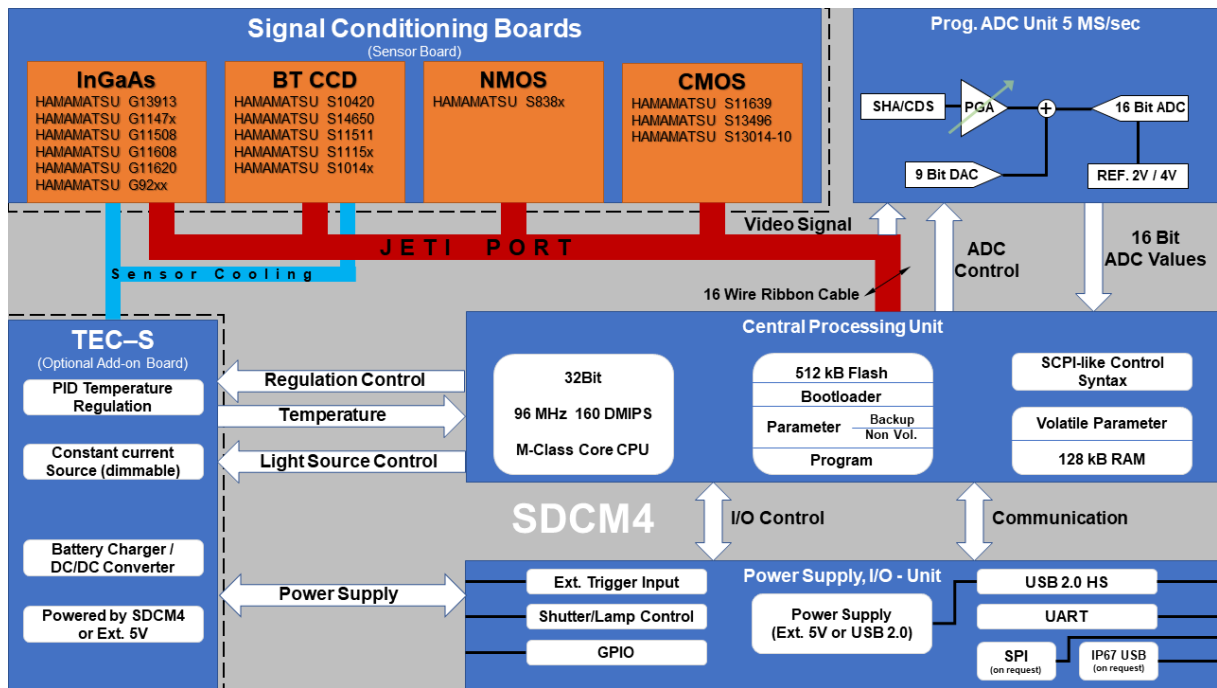
PE 60_2



SDCM3



SDCM4



相关产品

[OEM 光纤光谱仪 V2.0.pdf](#) 为使用相关读出电路板的光谱仪产品

联系我们

产品负责人：



www.light-all.com

sales@light-all.com

021-52960771

