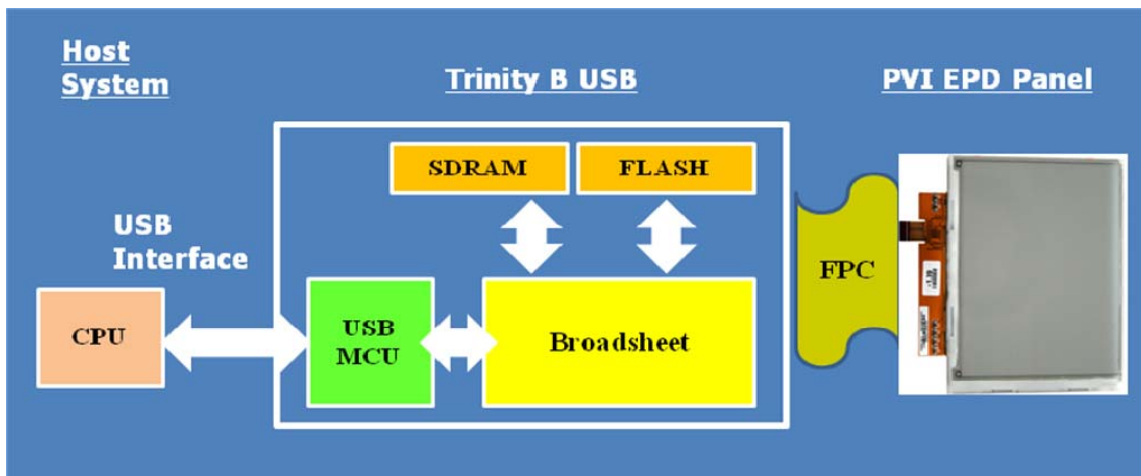




E-paper Display Control Module – Trinity B USB

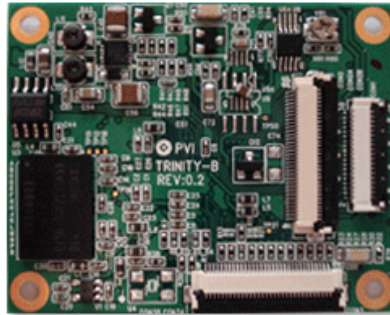
The Trinity B USB control module is designed to help customers planning on E-book product development, using PVI's E-paper display technology. It consists of EPD display controller, memory and flash. The Trinity B USB supports PVI 5-inch / 6-inch / 8-inch / 9.7-inch EPD panel with USB interface connected CPU directly.

BBR International will provide its specification sheet, programming guide and technical support. The Trinity B USB can be used to be assembled within product prototype, hardware benchmark and flexibility for different types of e-reader products.



Specifications Brief

Panel size	5" and 6" (800*600),9.7" (1,200*825) PVI EPD panel
Module size	55mm(L) x 50mm(W) x 7.75mm(H)
Key features	39pin FPC (Con1)connector to connect PVI 6" EPD
	33pin FPC(Con2)connector to connect PVI 5" / 9.7" EPD
	Clock source: 25Mhz Crystal
	Serial Flash for waveform Read
	Host writes buffer for rotation of orientation
	Black and White(2/3/4) grayscale mode
	USB1.1 device interface to connect PC directly
	Integrated temperature sensor (SE95D) to avoid bad effect from high or low temperature
	Uses Mobile SDRAM
Integrated VR(Variable resistor) to adjust V-com	



Target Applications

Easy and fast for product prototype live demo
Different platform hardware benchmark
Module concept for production flexibility

Contacts

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