

Video Encoder

A video encoder with built-in VRAM, able to be connected directly with the host CPU bus and TFT panel interface.

This product is most suitable for various applications that display images on televisions, because it supports a wide array of input formats and complies with NTSC/PAL standards.

Product	CPU Interface Support	TV Output	TV Standard	Input Data Format		Internal Memory Capacity	External Memory Capacity	Supply Voltage			Additional Features	Package
				RGB	YUV			Core	IO	DAC		
S1D13746F01A B01B	8-bit / 16-bit I/F Direct addressing, Serial I/F (only for register access)	Composite / S-video	PAL:B, D, G, H, I, M, N, Nc NTSC:M, J	8:8:8 6:6:6 5:6:5 3:3:2	4:2:2 4:2:0	312KB, SRAM	n/a	1.35V to 1.65V	1.62V to 3.6V	2.7V to 3.3V	SwivelView, Image Enhancement Engine	QFP15-128 PFBGA7U-100

S1D13746 System Block Diagram

