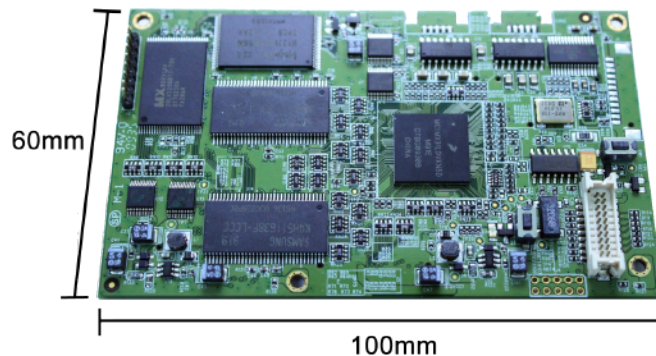


Jade

System on Module



Specifications

Processor	Freescale® ARM 1136JF-S i.MX31 processor running up to 532 MHz
Software and Tools	Windows CE 6.0 BSP
Memory	NAND flash memory up to 1 GB NOR flash memory 2 MB Low-power 266 MHz DDR SDRAM memory 128 MB
USB	USB 2.0 high-speed host interface USB 2.0 high-speed On-the-Go device interface USB 2.0 full-speed host interface
Display	Supported resolution up to 800 x 600 (SVGA) Integrated 4-wire touch screen controller
Audio	I2S compliant audio codec (Realtek ALC5620 – 16-bit stereo DAC, 16-bit ADC)
Serial I/O	3 UARTs
Expansion	SD support (SD, miniSD) Camera Sensor Interface ready (Camera module, Video decoder)
System Control	JTAG Interface for System Debug
Mechanical Specifications	SOM board dimensions: 100mm X 60mm X 1.6mm Operator Temperature (0°C to +70°C) storage Temperature (-30°C to +85°C)

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