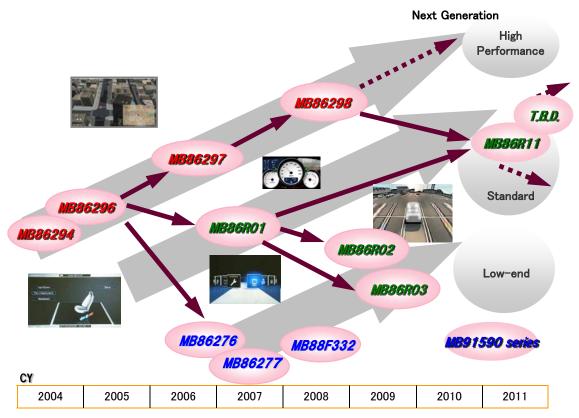


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## Key Specifications of M86R11

Process Technology	CMOS 65nm
Power Supply	Internal Circuit: 1.2±0.1V
	1/0: 3.3±0.3V
	DDR3: 1.5±0.1V (DDR2: 1.8±0.1V)
Operating Frequency	ARM™ Cortex-A9 400MHz
(Max.)	
Input / Output	USB 2.0 Host/Function, USB 2.0 Host, SDIO/MMC,
	12 bit A/D Converter, I2C (I/O voltage: 3.3V), CAN(I/O
	voltage: 3.3V), MediaLB(MOST25/50), USART/UART, GPIO,
	SPI, Quad SPI, I2S, PWM, IrDA(Ver.1.0), TS interface,
	Ethernet link, IDE66(ATA/ATAPI-5), DRGB/RSDS, TCON
Operating Temperature	-40°C to +85°C
Operating Power	1.8W (TYP)
Package	PBGA-544 pin
Usage	Car Navigation, Cluster(Dash Board), Center Display etc.

## Graphics Display LSI Roadmap



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MB86R11 chip image

