MiMagic ARM Microcontroller

	Core				Memory				Storage		MAC	USB					GFX	LCD			Timer		Peripheral									Power		Package						
Part Number	CPU Speed (MHz)	I Cache (KB)	D Cache (KB)	SRAM (KB)	On chip ROM	SDRAM	NOR Flash	SPI Flash, No. of I/O Pins	NAND Flash, No. of ECC bits	SD / SDIO	Ethernet 10/100 MAC	USB 1.1 Host (12 Mbps)	USB 1.1 FS Device	USB Tran'cvr	USB HOST / DEVICE FULL SPEED	USB OTG	2D Graphics	OVER LAY	LCD Control I/F	CROP SCALE 2X, 1X, 1/2X, 1/3X	Real-Time Clock (RTC)	PWM	JTAG	External Bus Interface	GPIO (Max)	UART	I2C	SPI	KPI	I2S AC97	YUV Sensor I/F	Core Voltage (V)	I/O Voltage (V)	Operating Temp	Package	Body Size (mm)	Body Size Height (mm)	Solder Ball Count	Solder Ball Pitch (mm)	Solder Ball Size (mm)
ARM720T																																								
NMS7210A-SB280I001	110	8	8	80	Y	Y	Y	1	Y	Y	EX. DRIVE	Y	Y	Y			Y		Y		Y	_	Y	Y	77	3	Y	1	Y	Y	_	1.8	3.3	I	BGA	16x16	1.1	280	0.8	0.40
ARM926EJ																																								
NMS9600C-SB361E001	250	16	16	48	Y	Y	Y	2	Y	2	EX. DRIVE			Y	Y	Y	Y	Y	Y	Y	4	2	Y	Y	104	4	Y	Y	Y	Y	Y	1.2	1.8/3.3	E	BGA	13x13	1.03	361	0.4	0.3

Temperature
Commercial (C) 0 to +70℃
Enhanced (E) -20 to +85℃.
Industrial (I) -40 to +85℃
RoHS Compliant