







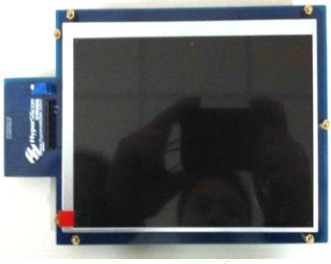
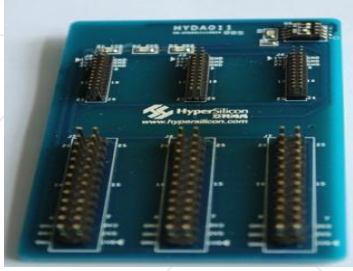
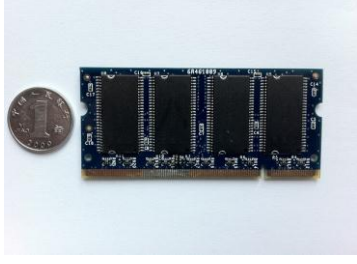




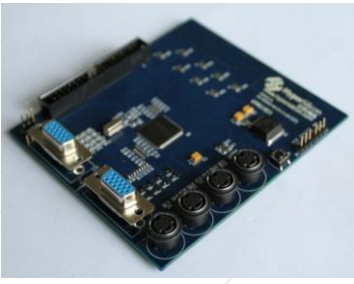

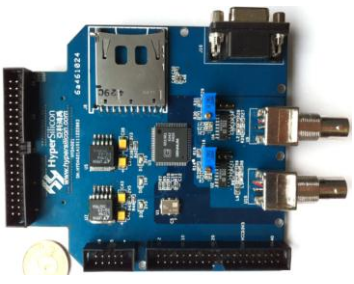

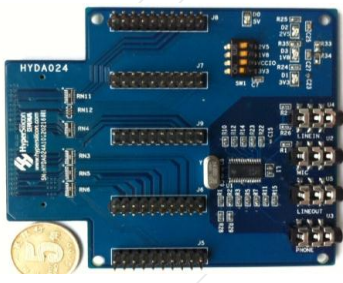
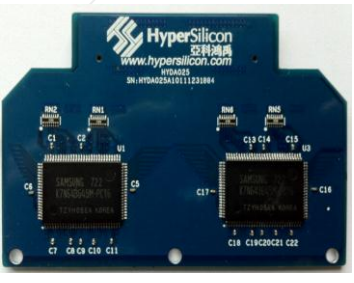

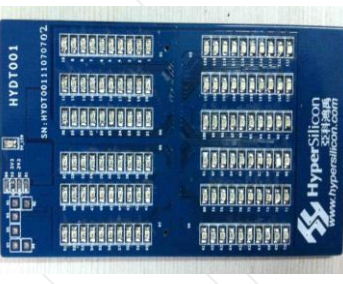




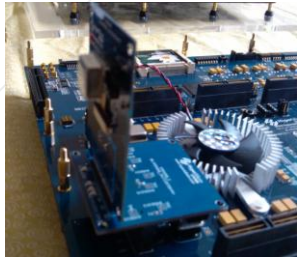








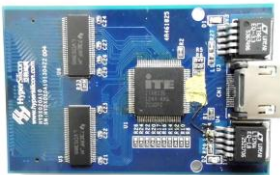
Daughter Card Introduce

Name	HYDA001	HYDA002	HYDA003
Features	1,VideoDAC:240MSPS Throughput Rate 2,UART:MAX232 3,NORFLASH:S29GL512B	1,USB OTG PHY(UTMI+) X3 2,Ethernet PHY 10/100/1000M (MII/GMII/RGMII) X2	1,NORFLASH(S29GL01P)X2 2,SD Card 3,LCD Interface
Picture			
Interface	HSPI	StarFire-V/M series	StarFire-V/M series
Name	HYDA004	HYDA005	HYDA006
Features	1,Mictor interface 2,USB PHY(ULPI)X4 3,NANDFLASH(K9GWAG08) 4,SPIFLASH(AT25F512)	1,Mictor interface 2,Ethernet PHY(10/100/1000M)	1,SDRAM(2RANK,32bits,512MB) 2,DDR3-Sodimm Interface
Picture			
Interface	StarFire-V/M series	StarFire-V/M series	DDR3-SODIMM
Name	HYDA007	HYDA008	HYDA009
Features	1,DDR2 2,DDR2-Sodimm Interface	1,DVI INPUT/OUTPUT 2,HDMI1.3 INPUT/OUTPUT	1,SSRAM (2M X36/72its)
Picture			
Interface	DDR2-SODIMM	HSPI	HSPI

Name	HYDA010	HYDA011	HYDA012
Features	1,LCD output(VGA Type)	1,GPIO expansion, provide 6 groups 120 GPIO. 2,Optional VCC 1.8 V,2.5 V,3.3 V	1,SDRAM (32Mx64bit) 2,DDR2-SODIMM Interface
Picture			
Interface	HSPI	HSPI	DDR2-SODIMM
Name	HYDA013	HYDA014	HYDA015
Features	1,DDR (64Mx64bit) 2,DDR2 SODIMM Interface	1,DDR2 (64Mx64bit) 2,DDR3 SODIMM Interface	1,ASRAM 2,DDR3 SODIMM Interface
Picture			
Interface	DDR2-SODIMM	DDR3-SODIMM	DDR3-SODIMM
Name	HYDA016	HYDA017	HYDA018
Features	1,2Gbit NOR FLASH	1,512Kb SPI FLASH 2,2Gx8bit NAND FLASH 3,32Mx16bit NOR FLASH	1,DDR3 2,DDR2 SODIMM Interface
Picture			
Interface	StarFire-V/M series	StarFire-V/M series	DDR2-SODIMM

Name	HYDA019	HYDA020	HYDA021
Features	1,VGA Output X2 2,Svideo Output X4	1,USB PHY(OTG) 2,USB Device(CY7C68013) 3,Ethernet PHY(10/100/1000M) 4,Ethernet Controller(10/100M)	1,SDI Input and Output 2,SD Card 3,UART 4,JTAG Interface
Picture			
Interface	HSPI	HSPI	HSPI
Name	HYDA022	HYDA024	HYDA025
Features	1,SD Card,PS/2,UART,4 Audio,GPIO 2,USB(OTG),Ethernet(MII,RMII),SIM 3,512Kx8bit SRAM,1Gx8bit NAND FLASH,512Kx8bit NORFLASH	1,Stereo Audio CODEC 8 to 96KHZ, with integrated headphone Amplifier 2,Multi-GPIOs	1,228Mb SSRAM 2,Two Unit 64bit Datawidth
Picture			
Interface	StarFire-V/M series	HSPI	HSPI
Name	HYDA026	HYDT001	HYDX001
Features	1,GPIO 2,PS/2 Interface 3,Ethernet(100/1000M)	1,LED-Scan	1,Two UART 2,Two groups 2Mx16bit ASRAM
Picture			
Interface	StarFire-V/M series	HSPI	HSPI

Name	HYDX002	HYDX003	HYDX004
Features	1,Sparrn3 chip, support JTAG 2,Two USB Device(CY7C68013) 3,SDRAM(32Mx16bit) 4,GPIO,Sdcard,SMA	1,UART,JTAG,Mictor Interface 2,USB PHY,USB Device 3,1Gx8bit NADAF LASH,8Mx16bit NORFLASH,DDR2-SODIMM	1,Four UART 2,1Gb NORFLASH 3,Two groups 2Mx16bit SRAM 4,GPIO,BUTTON
Picture			
Interface	HSPI	HSPI	HSPI
Name	HYDX005	HYDX007	HYDX008
Features	1,bi-directional low voltage translator, allows voltage level translation between 1.0V,1.2V,1.5V,1.8V,2.5V,3.3V.	1,Four groups 8Gx32bit NAND flash	1, Camera Card (HDF3640-A) 2,Compatible with (HDF5640-A)
Picture			
Interface	HSPI	Samtec SEAM	HSPI
Name	HYDX009	HYDX010	HYDX011
Features	1, PCI-e x8 edge to Two QSFP interface	1, Four groups ASRAM(4Mx64bit)	1,Three groups SDRAM, Each group Provide 32Mx16bit SDRAM (3.3V supply)
Picture			
Interface	StarFire-V/M series	HSPI	HSPI

Name	HYDX012	HYDX013	HYDX014
Features	1,1Mx16bit NORFLASH 2,8Mbit SPI FLASH 3,NAND FLASH 4,XCF16P,JTAG interface	1, Mictor interface, 2,GPIO, 3,UART 4, 512Kb SPI FLASH	1,Bridge conector 2,voltage transformation 3,Difference single-ended switching
Picture			
Interface	HSPI	HSPI	HSPI
Name	HYDX016	HYDX017	HYDX018
Features	1,video capture card	1,Three groups SDRAM, Each group Provide 32Mx16bit SDRAM (2.5V supply)	1, PCI-e x8 edge to PCI-ex8 Golden finger interface
Picture			
Interface	HSPI	HSPI	HSPI
Name	HYDX019	HYDX020	
Features	1,HDMI(1.3) input	2,HDMI(1.3) output	
Picture			
Interface	PCIE Connector	HSPI	