**Hardware**
- SSD1938 ARM1176JZF 660MHz with Video Processing Unit (VPU)
- Dual LCD bus for external connection
- On board keypad
- 256MB DDR2
- 2GB NAND flash
- USB host for USB thumb driver
- USB device as a mass storage unit
- SD card connection
- DV interface connector for external camera module and video decoder
- Ethernet RJ45 connection
- On board Atheros WiFi
- UART interface for software development/debug
- Data sheet and Reference Manual
- Schematic diagram and reference layout

**Software – Board Support Package**
- Open operating system Linux 2.6.29, Android 2.3 or above
- Boot loader
- Image builder
- VMware development environment
- Device driver source code (e.g. Display, Memory, GPIO, USB, I2C, Video, DV, WiFi, TVin, PMU, etc)
- Design document (User manual, software programming guide and application note)
- Release note for the update of the software

**MagusCore™** PDK (Product Development Kit) facilitates a quick method for product developers to implement high performance product features with Solomon Systech’s well-proven software development package in either Linux or Android version. Product developers can make use of Solomon Systech software modules to achieve special functions and shorten the product development cycle time to capture the most opportune market window.

**Development Support**

**Part Number**
- Product Development Kits (BSP + Reference Application SW)
  - ADS -SSD1938 -AMB Android Media Box (Internet TV, D1938 PDK)
  - ADS -WE8626 -PI SSD1935, Projector Reference SW, BSP, Linux 2.6.24, Office Viewer
  - ADS -WE8628 -AW SSD1936, WVGA, Android 2.1 BSP, 256MB mDDR
  - ADS -WE8628 -AWE SSD1936 Options: including Android 2.2, ZTE 3G, USB WiFi, GPS, Captouch
  - ADS -WE8628 -PL SSD1936, Projector Reference SW, BSP, Linux 2.6.24, Office Viewer
  - ADS -WE8628 -LQ SSD1936, PMP, WQVG, Linux 2.6.24
  - ADS -WE8628 -AQ SSD1936, WQVG, Android 2.1 BSP, 128MB mDDR
  - ADS -SSD1938 -256D2L BSP, Linux 2.6.29, VGAout, Awind MirrorOps, Office Viewer
  - ADS -SSD1938 -256D2A WVGA, Android 2.3 BSP, 256MB DDR2, D2533, Awind MirrorOps

Many **MagusCore™**-based products are designed and built by a number of OBM, OEM, ODM and IDH. **MagusCore™** customer support team can help assess end product requirements and provide connections to appropriate product partners who can meet customers’ feature and quality requirements.