

Part Number: **4172500xx-3**

Model: **SGX-1920**

DATE	VERSION	SUMMARY OF CHANGES	NOTE
22 February 2011	10	<p>Release pilot run material for SGX-1920</p> <p>Bare PCB: 017250001-3; P/N 417250010-3</p> <p>BIOS: U12, E0.38.00.01(Flash SST39VF3201)(new) U49, V0.10 (ARGB1 DDC, 24C02) (new) U51, V0.10 (CN6, ARGB2 DDC, 24C02) (new) U47, V0.50 (HDMI DDC, 24C02) (new) U49, V0.50 (DVI DDC, 24C02) (new) U61, V0.50 (HD1, DDC, 24C02) (new) U62, V0.50 (HD2, DDC, 24C02) (new) U22, V0.40 (EPM3128ATC100) (new) U71, V1.00.00 (AT45DB041D) (new) U27, V4.18.5.0 (PIC18F67J60)(new)</p>	ECN# 870689220
26 May 2011	10 to 11	<p>Hardware change</p> <ul style="list-style-type: none"> - Change C94 & C102 to 100uF/6V3 to improve stability of 1.8V supply to the video processor FLI30436 <p>Official release firmware V0.39.00.00</p> <p>Bare PCB: 017250001-3; P/N 417250011-3</p> <p>BIOS: U12, V0.39.00.00(Flash SST39VF3201)(changed) U49, V0.10 (ARGB1 DDC, 24C02) (no change) U51, V0.10 (CN6, ARGB2 DDC, 24C02) (no change) U47, V0.60 (HDMI DDC, 24C02) (changed) U49, V0.60 (DVI DDC, 24C02) (changed) U61, V0.60 (HD1, DDC, 24C02) (changed) U62, V0.60 (HD2, DDC, 24C02) (changed) U22, V0.40 (EPM3128ATC100) (no change) U71, V1.00.00 (AT45DB041D) (no change) U27, V4.18.5.0 (PIC18F67J60)(no change)</p>	ECN# 870689248
3 August 2011	11 to 12	<p>Hardware change</p> <ul style="list-style-type: none"> - Remove 2pcs 100uF capacitor C2 and C5 to prevent the 18V panel power latch up when power on with high current consumption. <p>Bare PCB: 017250001-3; P/N 417250012-3</p> <p>BIOS: U12, V0.39.00.00(Flash SST39VF3201)(no change) U49, V0.10 (ARGB1 DDC, 24C02) (no change) U51, V0.10 (CN6, ARGB2 DDC, 24C02) (no change) U47, V0.60 (HDMI DDC, 24C02) (no change) U49, V0.60 (DVI DDC, 24C02) (no change) U61, V0.60 (HD1, DDC, 24C02) (no change) U62, V0.60 (HD2, DDC, 24C02) (no change) U22, V0.40 (EPM3128ATC100) (no change) U71, V1.00.00 (AT45DB041D) (no change) U27, V4.18.5.0 (PIC18F67J60)(no change)</p>	ECN# 870689258

4 January 2013	12 to13	<p>Hardware change: - Change R256 to 2K2 to meet UL requirement for battery protection</p> <p>Firmware change to V0.50.00.00 on U12 : 1) Support Video Wall, DVI LOOPOUT Board (DVW-1000) for the new panel wall connection. It supports DVI loop out board (DVW-1000) firmware V0.10.09 revision which uses higher baud rate (115200) between DVI loop out board and the controller. This higher baud rate is for internal communication only and the baud rate on serial communication via IP-50 remains at 2400. 2) Support video wall power up sequence operation. 3) Improved the HDMI colour space issue 4) Fix "no signal" wakeup problem. 5) Support Samsung LTM201M1-L01 (1680x1050) panel. SW3 1-7 : On Off Off On On On On SW4 1-6 : Off Off On On Off Off 6) Shorten the switching time between the same input modes coming from HD-SDI input on HD-3000. 7) Fix lost of detection with HD-SDI to HDMI adaptor board (P/N 4160167xx-3) after power cycle. (Need to work with HD-SDI to HDMI adaptor board firmware V0.73.00 or up version.) 8) Add hotkey function to control turning PIP on and off on OSD menu & RS-232 command. 9) The IP address on the IP-50 can be changed through a web application and add support TCP/IP commands for changing between static IP and DHCP. (This feature will implement on IP-50 network port only and effective on IP-50 firmware (U27) -V4.18.9.0) DHCP Off: 0xee 0x70 0x41 0x30 DHCP On: 0xee 0x70 0x41 0x31 10) Incorporate the IR display addressing capability done. 11) Remove the WSS/AFD, and UMD function out. 12) Support 10 bit input processing</p> <p>Firmware change to V4.18.9.0 on U27 : 12) The IP address on the IP-50 can be changed through a web application and add support TCP/IP commands for changing between static IP and DHCP. This feature implement on IP-50 network port only. The default setting before shipment sets to DHCP mode.</p> <p>Firmware change to "DigitalView20120813.bin" on U38 : 13) Fix lost of setting in IP-50 setting in random time and correct some spelling error on texts. This bin file needs to use with IP-50 v4.18.7.0 or higher revision code.</p> <p>Bare PCB: 017250001-3; P/N 417250013-3 BIOS: U12, V0.50.00.00(Flash SST39VF3201)(changed) U51, V0.20 (ARGB1 DDC, 24C02) (changed) U64, V0.20 (CN6, ARGB2 DDC, 24C02) (changed) U47, V0.70 (HDMI DDC, 24C02) (no changed) U49, V0.70 (DVI DDC, 24C02) (no changed) U61, V0.70 (HD1, DDC, 24C02) (no changed) U62, V0.70 (HD2, DDC, 24C02) (changed) U22, V0.40 (EPM3128ATC100) (no change) U71, V1.00.00 (AT45DB041D) (no change) U27, V4.18.9.0 (PIC18F67J60)(changed) U38 , DigitalView20120813.bin(new)</p>	ECN# 870689348
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Prepared by: DV-HK

Date: 4 Jan 2013