

Exhibit 6

**BRIEF DESCRIPTION
OF
CIRCUIT FUNCTIONS**

The introduction of 1501FP

1. General

The 151AX Potomac 15 " TFT flat panel monitor is specified as a display peripheral with analog and digital video signal dual input and 15"TFT LCD display .Horizontal scanrange is 31 - 60Khz and refresh range is 56 - 75 Hz .This scan range allow it to display resolution up to 024*768 non-interlaced at 75Hz refresh rate. The image can be adjust through OSD control , these adjustments can be stored in an on-board memory including 14 factory pre-set mode and 5 user definable modes.

2. Power supply:

Main voltage : AC90-135 Vrms and 170-264 Vrms,50/60±2Hz.
 Power consumption : 56 Watts max. Operating <41 W,
 standby<5W(exclude USB device).
 Power indicator : LED(on :green, standby : amber, new mode:
 blinking green).
 Auto power saving : EPA, Nutek, VESA DPMS.

3. Input signal

Horizontal scan : 31 - 60 Khz
 Vertical scan : 56 - 75 Hz
 Input signals EPA, Nutek, VESA DPMS.

4. Input signal

Horizontal scan : 31 - 60 Khz
 Vertical scan : 56 - 75 Hz
 Input signals
 1.Signal input level
 Video : 0.7 Vp-p Linear /75 ohms
 Sync : H/H+V , V TTL level,composite sync
 Digital : TMDS signal.
 2.Impedance
 Video : Terminated with 75 ohms
 Sync : Terminated with 2K2 ohms

Factory preset mode(14 modes)

Mode	Resolution	H. freq. / V. freq	Standard
1.	720 x 400	31.469Khz/70.087Hz	VGA
2.	640 x 480	31.469Khz/59.940Hz	VGA
3.	640 x 480	37.500Khz/75.000Hz	VGA
4.	640 x 480	37.861Khz/72.809Hz	Macintosh
5.	800 x 600	37.879Khz/60.317Hz	VESA
6.	800 x 600	48.077Khz/72.188Hz	VESA
7.	800 x 600	46.875Khz/75.000Hz	VESA
8.	1024 x 768	48.363Khz/60.004Hz	VESA
9.	1024 x 768	56.476Khz/70.069Hz	VESA
10.	1024 x 768	60.023Khz/75.029Hz	VESA

4. OSD (On Screen Display) function

Software control functions via OSD/control

- Adjustable functions:

MAIN CONTROLS
LANGUAGE
ADJUST POSITION
BRIGHTNESS & CONTRAST
VIDEO NOISE
ADJUST COLOR
OSD SETTINGS
RESET TO FACTORY SETTING
INPUT SELECTION
CLOSE MAIN CONTROLS
MOVE SELECTION CONTROLS

LANGUAGE : ENGLISH , ESPANOL , FRANCAIS , DEUTSCH ,
ITALIANO, JAPANESE

ADJUST POSITION : H-position, V-position, Phase adjustment, Clock
adjustment

BRIGHTNESS & CONTRAST: bright and contrast adjustment.

VIDEO NOISE : Phase adjustment, Clock adjustment

ADJUST COLOR : original panel color , 9300K for general use , 6500k for image management, user red green blue adjust.

OSD SETTINGS : OSD H-position, OSD V-position

RESET TO FACTORY SETTING : return to Factory preset timings and settings.

6. LCD Panel

Type NR. : LQ150X1DG12
 Dimensions : 15.0"
 Pitch(mm) : 0.297mm
 Color pixel arrangement : RGB vertical stripes.
 Display surface : low reflection, antiglare with hard coating.
 Number of color : 64 gray levels (6 bits)
 Backlight : CCFL edgelight system
 Active area(WxH) : 304.1x228.1(15.0" diagonal)

7. Function block

ADC: AD9884

- sample the input analog video signal according to its pixel rate to change be digital data then sent the digital signal for format converter IC.

PLL clock generator: build in the AD9884

- phase lock to the input horizontal sync signal.
- output clock rate controlled by microprocessor equal to the input signal Pixel rate.

Microprocessor:

- monitor the input horizontal and vertical syn signal to judge input video mode acc.
- send the parameters to format converter IC according to the input mode.
- process the control data listed in the OSD section.

Front panel switch control:

- used by OSD function.
- six push button, i.e. confirm, auto, mute and contrast/brightness.
- use push button to switch function.

Receiver: si1141

- receive the TMDS signal from PC VGA card then decoder data to format converter.

Format converter:GMZ2

- convert the data from ADC to an LCD panel acceptable data format.
- zoom the input video to a full screen display.

Inverter:

- accept +18V DC voltage
- output 640 Vrms AC voltage to CCFL(Cold cathode Fluorescent Tube, backlight).

The Power supplier including AC adaptor and DC/DC converter.

The AC power input from 90VAC up to 264VAC, can generate 15V/3A DC power, this power supply to both DC/DC converter and inverter for backlight.

The DC/DC converter generate 5V/3A, 9V/0.5A, 3.3V/3A and 12V/0.5A power for main interface circuit and panel power.