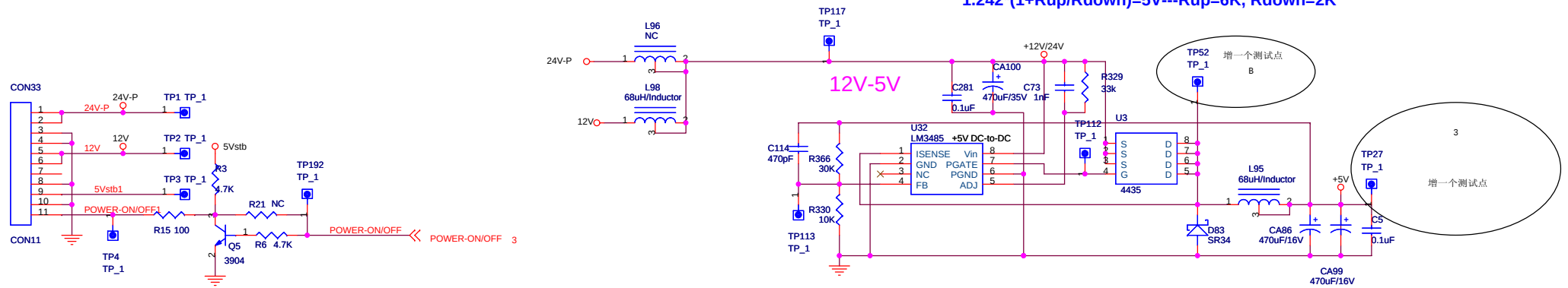
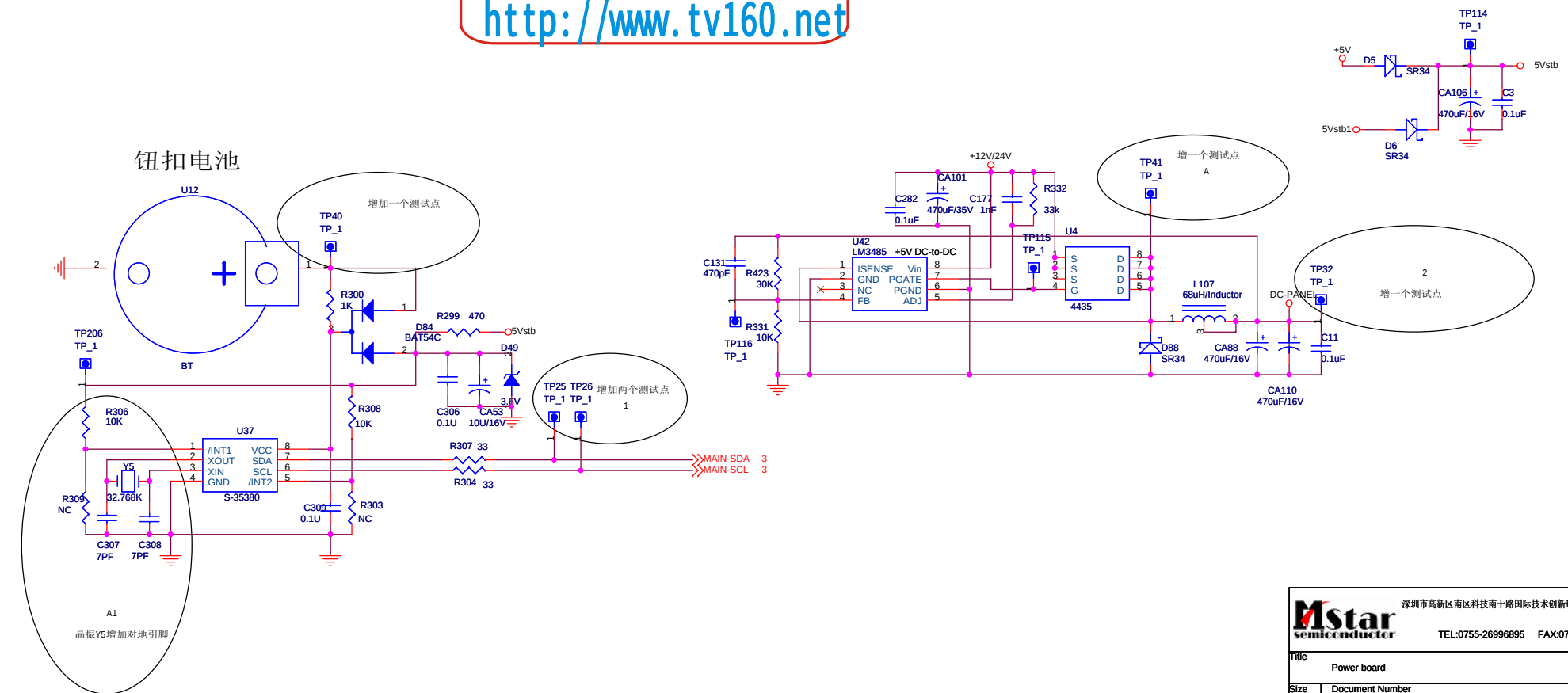


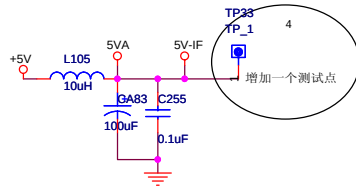
Project name: MST9X88L for Skyworth
PCB Version: R00A



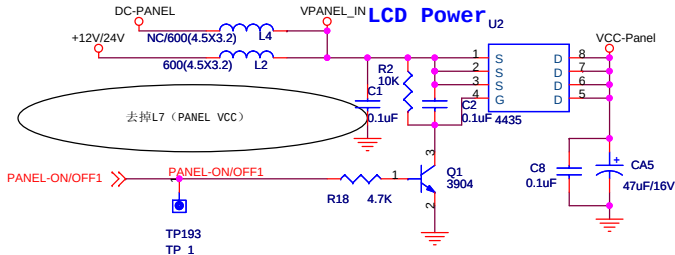
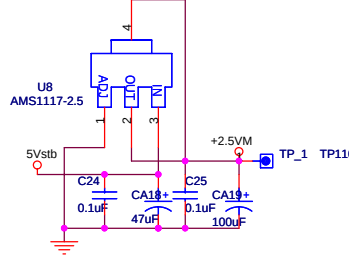
POWER INPUT OF Skyworth

彩电维修资料网
TV160 彩电维修资料网
http://www.tv160.net
http://www.tv160.net

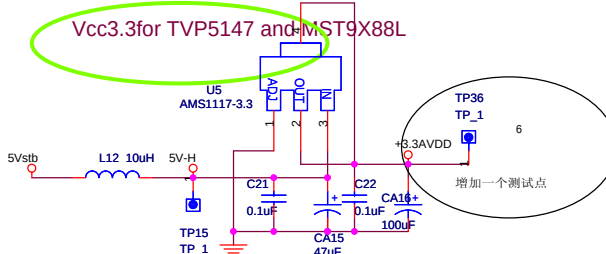




2.5V for MST5151A and
DDRAM



Vcc3.3for TVP5147 and MST9X88L



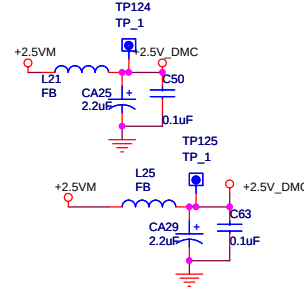
Vcc3.3for MST9681LA
Digital

LG-PHILIPS LC320W R10=NC, R12=10K;
Other R10=10K, R12=NC;

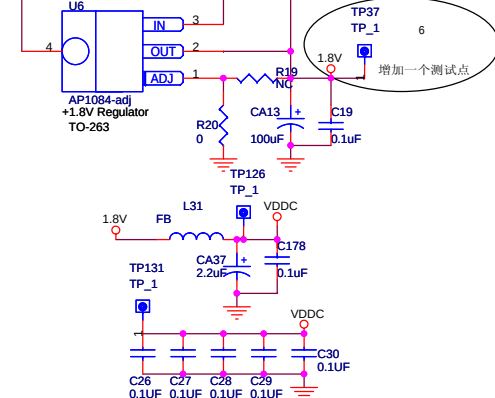
$$1.25 \times (1 + R_{down}/R_{up}) = 3.3V \text{---} R_{up}=510, R_{down}=820$$

$$1.25 \times (1 + R_{down}/R_{up}) = 1.8V \text{---} R_{up}=1.2K, R_{down}=510$$

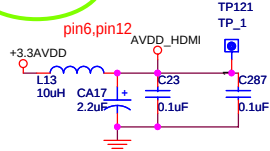
2.5V for DDRAM



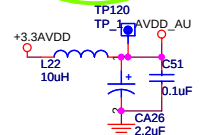
Vcc1.8 for TVP5147



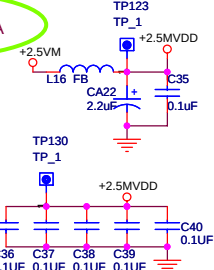
+3.3AVDD for
AVDD_HDMI



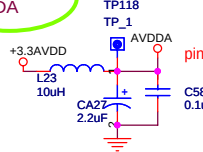
+3.3AVDD for
AVDD_AU



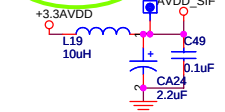
+2.5V for MST5151LA



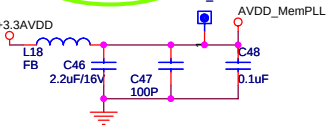
+3.3AVDD for
AVDDA



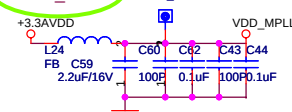
+3.3AVDD for
AVDD_SIF



3.3V(6251) for
AVDDPLL2

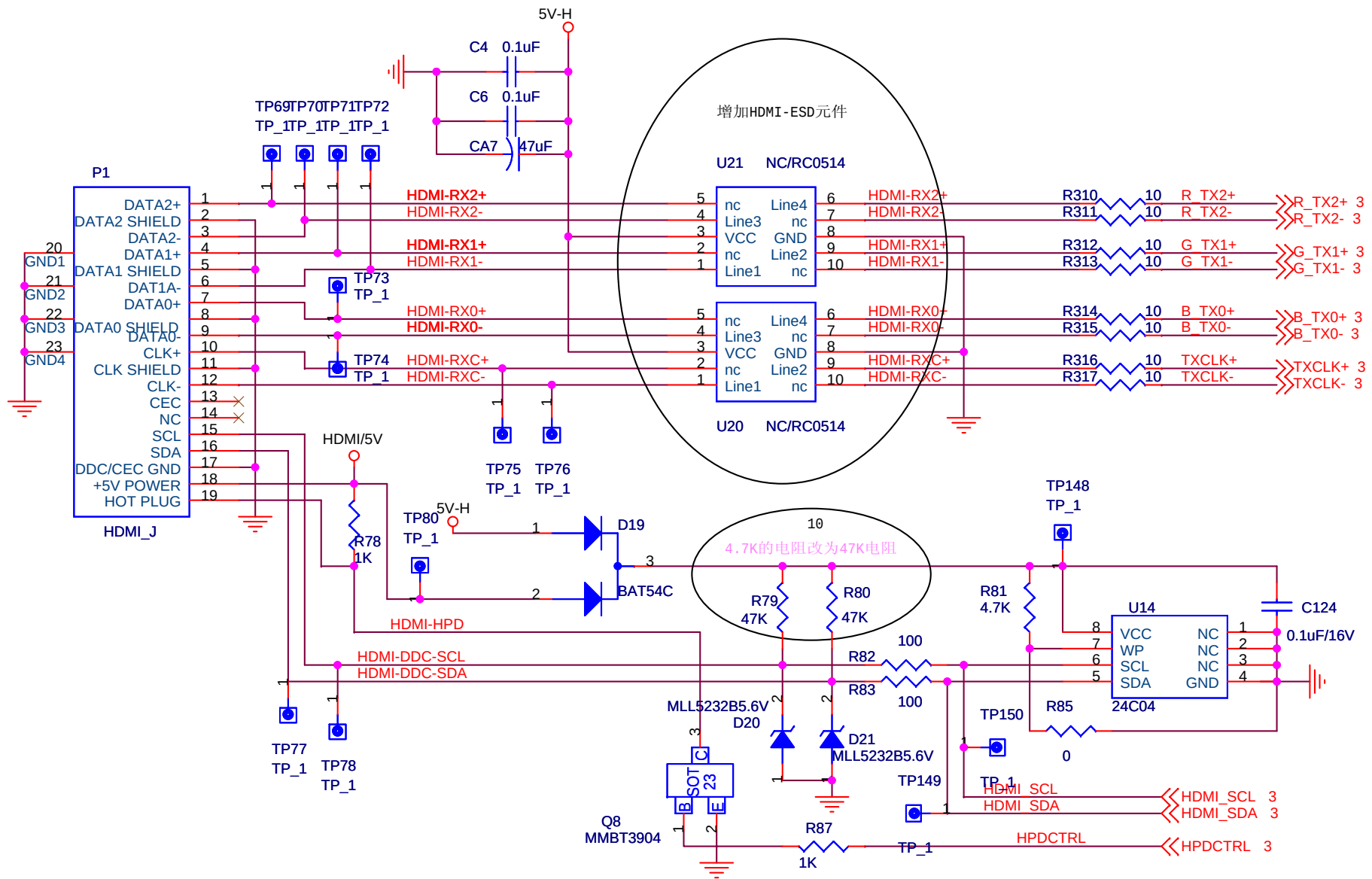


+3.3V for
VDD_MPLL



Mstar
semiconductor
深圳市高新区南区科技南十路国际技术创新研究院C座4楼
TEL:0755-26996895 FAX:0755-26996830

Title		power
Size	Document Number	Rev
A3	MST9X88L	00A
Date:	Saturday, March 10, 2007	Sheet 2 of 13



深圳市高新区南区科技南十路国际技术创新研究院C座4楼

TEL:0755-26996895 FAX:0755-26996830

Title

HDMI

Size

Document Number

MST9X88LD

Rev

00A

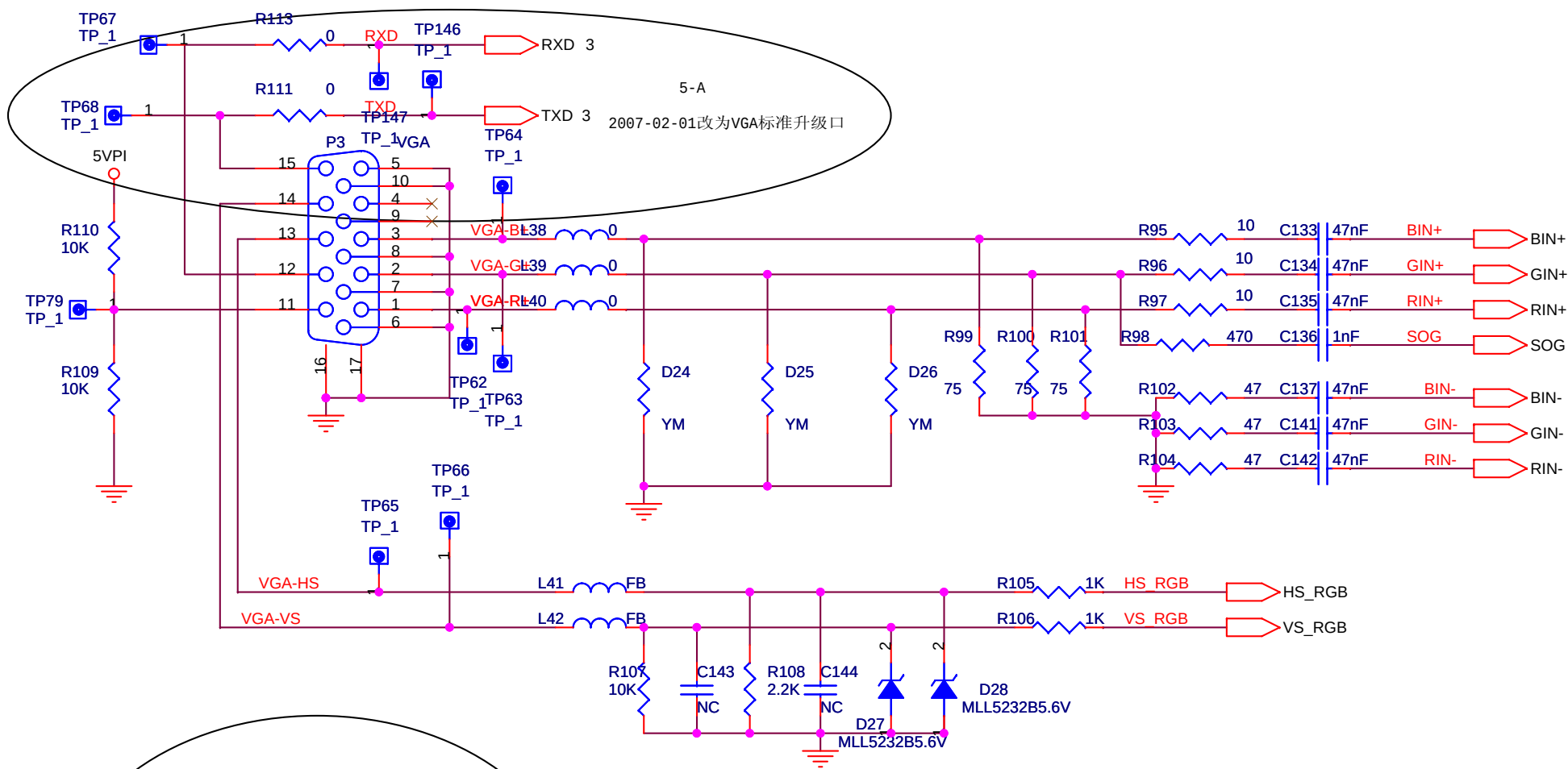
Date: Friday, March 09, 2007

Sheet

4

of

13



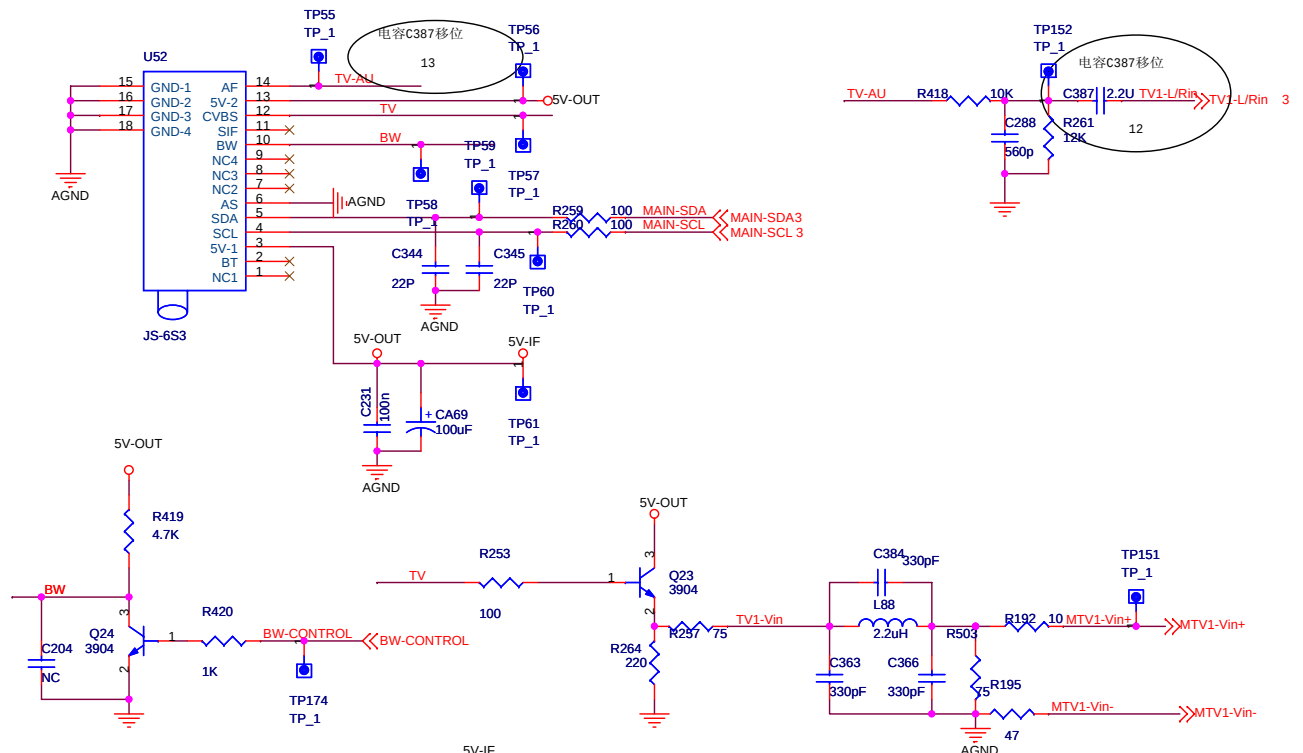
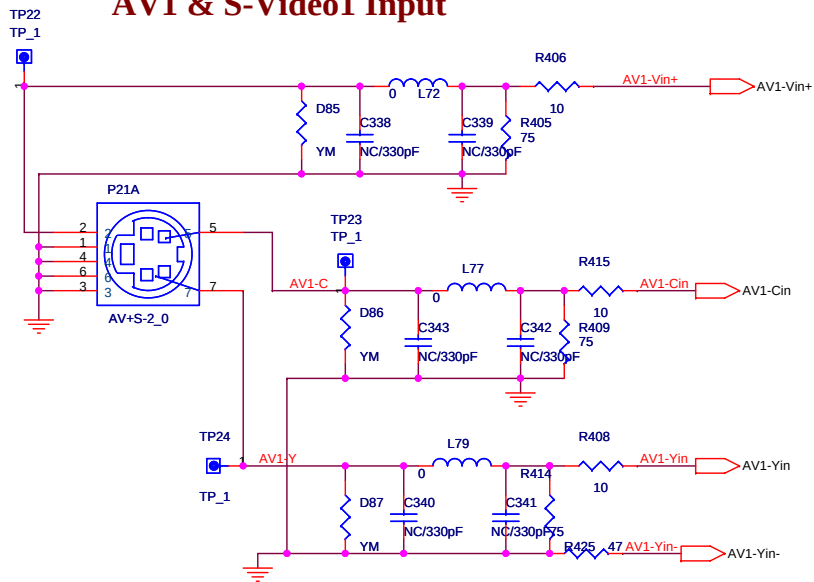
彩电维修资料网

TV160 彩电维修资料网

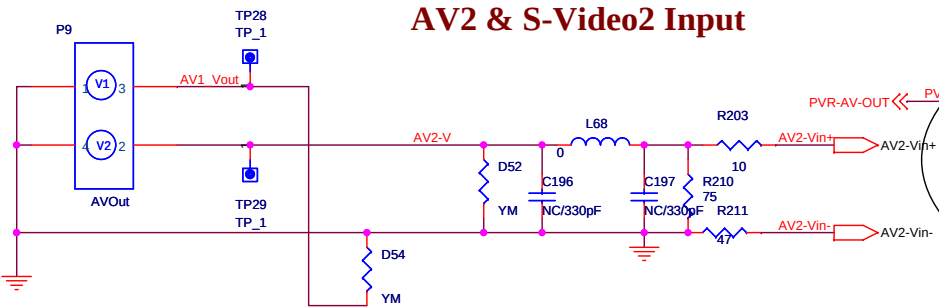
<http://www.tv160.net>

Title VGA		
Size A	Document Number MST9X88LD	Rev 00A
Date: Friday, March 09, 2007	Sheet 5	of 13

AV1 & S-Video1 Input



AV Output



AV2 & S-Video2 Input

