



深圳市鼎科实业有限公司

SHENZHEN TOP-TECH INDUSTRIAL CO.,LTD.

研发新项目申请表

报告号: _____

项目名称: TMQQ8 V1.1	主芯片方案: TSUMV59XU
项目申请人: 张立芳	项目申请时间: 2013-2-18
<input type="checkbox"/> 公版 <input checked="" type="checkbox"/> 客户定制板 客户名称: <u>U004</u>	项目编号: _____
市场现状分析及针对市场: 按照 U004 客户的特定结构定制 ATV 板卡 <div style="text-align: center;">2</div>	

板卡分类	<input checked="" type="checkbox"/> TV板 <input type="checkbox"/> PC 板 <input type="checkbox"/> 其他																								
功能端子要求	<table border="0"> <tr> <td><input type="checkbox"/> VGA</td> <td><input type="checkbox"/> DVI</td> <td><input checked="" type="checkbox"/> HDMI 1路</td> </tr> <tr> <td><input type="checkbox"/> PC AUDIO</td> <td><input type="checkbox"/> YPBPR</td> <td><input checked="" type="checkbox"/> AV 2路</td> </tr> <tr> <td><input type="checkbox"/> 同轴/光纤</td> <td><input checked="" type="checkbox"/> TV</td> <td><input type="checkbox"/> CI</td> </tr> <tr> <td><input type="checkbox"/> SCART</td> <td><input type="checkbox"/> AVOUT</td> <td><input checked="" type="checkbox"/> 耳机</td> </tr> <tr> <td><input type="checkbox"/> LINE OUT</td> <td colspan="2"><input checked="" type="checkbox"/> 内置DVD, 用HDMI接口</td> </tr> <tr> <td><input checked="" type="checkbox"/> USB</td> <td><input type="checkbox"/> 功放 2*8 W</td> <td><input type="checkbox"/> 内置安卓</td> </tr> <tr> <td colspan="3"><input checked="" type="checkbox"/> 电源接口 12V+5V+5VP+5VS+STB</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> 其他</td> </tr> </table>	<input type="checkbox"/> VGA	<input type="checkbox"/> DVI	<input checked="" type="checkbox"/> HDMI 1路	<input type="checkbox"/> PC AUDIO	<input type="checkbox"/> YPBPR	<input checked="" type="checkbox"/> AV 2路	<input type="checkbox"/> 同轴/光纤	<input checked="" type="checkbox"/> TV	<input type="checkbox"/> CI	<input type="checkbox"/> SCART	<input type="checkbox"/> AVOUT	<input checked="" type="checkbox"/> 耳机	<input type="checkbox"/> LINE OUT	<input checked="" type="checkbox"/> 内置DVD, 用HDMI接口		<input checked="" type="checkbox"/> USB	<input type="checkbox"/> 功放 2*8 W	<input type="checkbox"/> 内置安卓	<input checked="" type="checkbox"/> 电源接口 12V+5V+5VP+5VS+STB			<input type="checkbox"/> 其他		
<input type="checkbox"/> VGA	<input type="checkbox"/> DVI	<input checked="" type="checkbox"/> HDMI 1路																							
<input type="checkbox"/> PC AUDIO	<input type="checkbox"/> YPBPR	<input checked="" type="checkbox"/> AV 2路																							
<input type="checkbox"/> 同轴/光纤	<input checked="" type="checkbox"/> TV	<input type="checkbox"/> CI																							
<input type="checkbox"/> SCART	<input type="checkbox"/> AVOUT	<input checked="" type="checkbox"/> 耳机																							
<input type="checkbox"/> LINE OUT	<input checked="" type="checkbox"/> 内置DVD, 用HDMI接口																								
<input checked="" type="checkbox"/> USB	<input type="checkbox"/> 功放 2*8 W	<input type="checkbox"/> 内置安卓																							
<input checked="" type="checkbox"/> 电源接口 12V+5V+5VP+5VS+STB																									
<input type="checkbox"/> 其他																									

结构要求	请与之前做的 TMQQ8 结构及 I/O 一致
------	-------------------------

其他要求	1. PCB 板上不能有 TOP-TECH 丝印, 必须丝印客户 logo, 请见附件图纸; 2. 必须能支持 15.6 寸以上的 LED/LCD/PDP 屏; 3. 需要外接 HDMI1TO4 小板, 与之前的 TMQQ8 一样; 4. 需要支持蓝光 DVD, 3D, 带 RS232 功能 (POWER ON 与 POWER OFF 功能需要分开控制) 5. 客户要求使用更好的功放 IC, 声音输出具体要求请见附件; 6. 需要使用客户的专用遥控器; 7. 客户要求此定制板能支持 TSUMV29LU, TSUMV29LE, TSUMV39LU, TSUMV39LE, TSUMV59XU, TSUMV59XE <div style="text-align: right;">2013年4月中批量生产10K.(出货)</div>
------	--

各部门审核及建议	业务部: 研发部: 测试部:
----------	----------------------

最终审核:	
-------	--

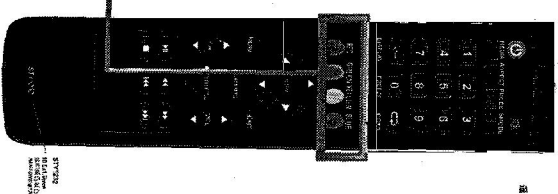
Function Name On OSD: Sansui Super Sound 2

Allow Audio Out From Earphone Output Keep Same Level Output To Speaker But Cut Off Audio Out To Speakers At 150HZ.

Only Allow 150HZ & Up To The Speakers In The TV

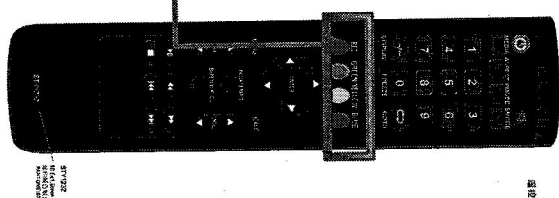
Use 8W Output Power From Amplifier IC

2. Green



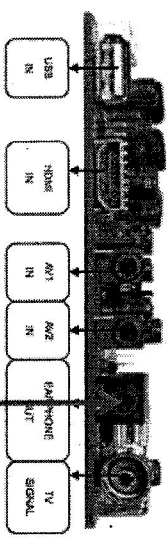
Function Name On OSD: Sansui Super Sound 1

Allow Audio Out From Earphone Output Keep Same Level & Frequency As Speaker Out



1. RED Button

Side Elevation of MST182VG V8.0

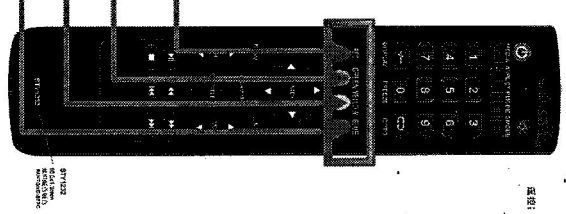


3. FEATURES

Below you will find the detailed feature.

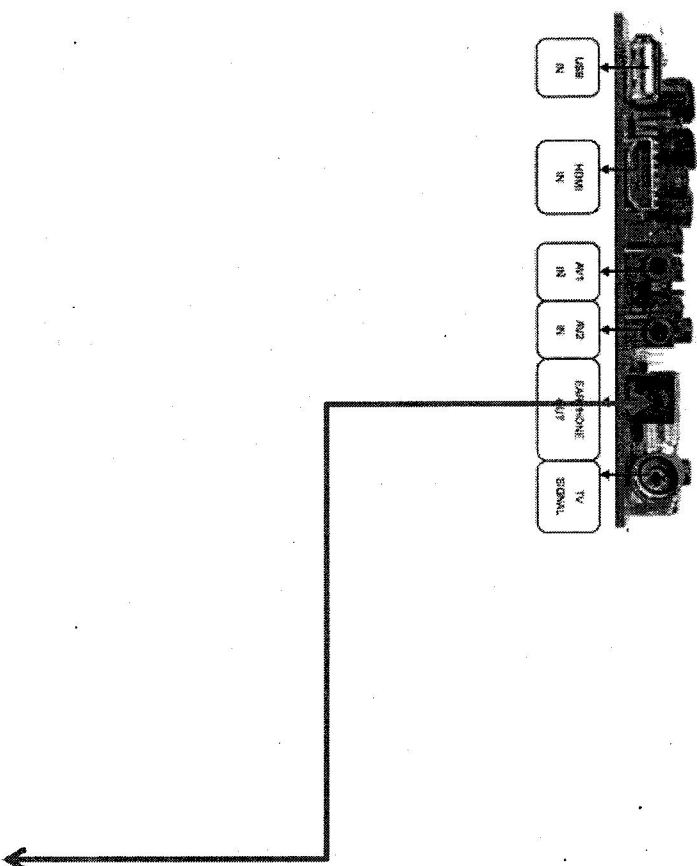
CHIPSET	MST6M182VG		
MARKET AREA	Asia		
OSD LANGUAGE	English, Chinese, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian)(Option)		
VIDEO INPUT	TV	VIDEO SYSTEM	PAL/SECAM/NTSC(Option)
		SOUND SYSTEM	BG, DK, I, M
		RECEIVE CHANNEL	ATV/200
	CVBS		1.0V/p-p +/-5%
	YPbPr / YCbCr		480i, 480p, 576i, 576p, 720p, 1080i, 1080p Up to 1920*1080@60Hz
	PC-RGB	Format	16bit, 24bit, 32bit
	HDMI	Color	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Build-in power supply		5V/5VS, 12V
POWER	To panel		5V, 12V
	DC Adapter		12V Input
	Manage		Low power consumable mode: standby <0.5W
AUDIO INPUT	PC-RGB		NO
	AV Audio Input		YES
EXPANSION FUNCTION	USB		YES
PANEL RESOLUTIONS	Support up to 16-bit dual LVDS		
KEY FUNCTIONS	FULL HD panel interface		
AUDIO OUTPUT	CH-, CH+, MENU, VOL-, VOL+, SOURCE, ON/OFF		
COMB FILTER	2.8 W @ 80 3D		

Buttons To USE



When Connect Audio
Output Sound Must
Come From Both Audio
Out & TV Speakers.
When Turn Off TV Audio
Output Must Not Make
Any Popping Noise

Side Elevation of MST182VG V8.0



Suggestion: Use Better amplifier
IC Like ST Brand To Improve
Audio Output quality To Speakers

If Customer Wants To Only Use
Earphone Output Without The TV
Speakers He Must Select
Earphone Out In the Menu Under
Sound Settings

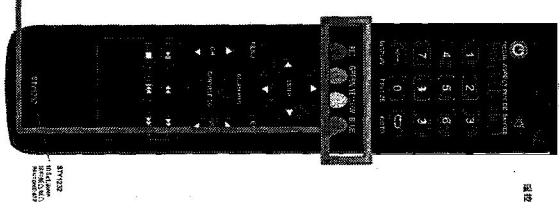
Function Name On OSD: Sansui Super Sound 4

Allow Audio Out From Earphone Output Keep Same Level Output To Speaker But Cut Off Audio Out To Speakers At 220HZ

Only Allow 200HZ & Up To The Speakers In The TV

Boost Treble Output By 25%

Use 10W Output Power From Amplifier IC



4. Blue

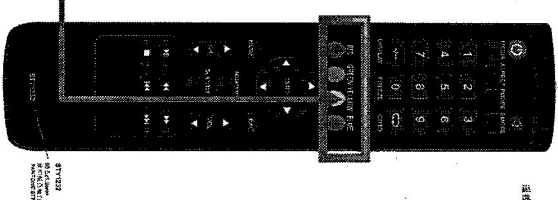
Function Name On OSD: Sansui Super Sound 3

Allow Audio Out From Earphone Output Keep Same Level Output.
To Speaker But Cut Off Audio Out To Speakers At 200HZ

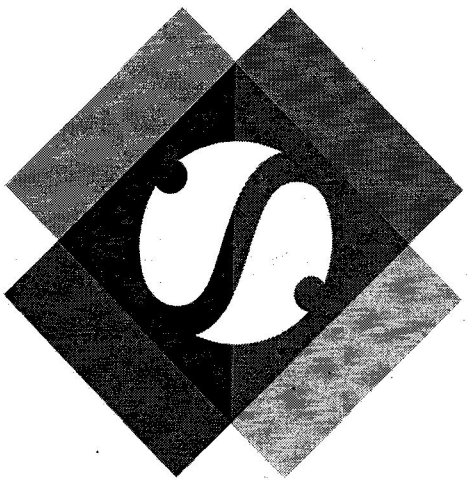
Only Allow 200HZ & Up To The Speakers In The TV

Boost Treble Output By 20%

Use 10W Output Power From Amplifier IC



3. Yellow



STYLCO

VISIONARY EXCELLENCE

15.499

15.49