

# XCUTE 125

**Think New**

**ERRC** *Eliminate, Reduce,  
Raise, Create*

2006.05.27

## SVC Application Guide PDP TV-H2 series, fitted with 42V7 Module

### Contents

- 1 Outline & Guide
- 2 Replacement List

- \* Attachment
  - #1 Construction / Layout of V7 Plasma Module
  - #2 Board Identification

## Issue

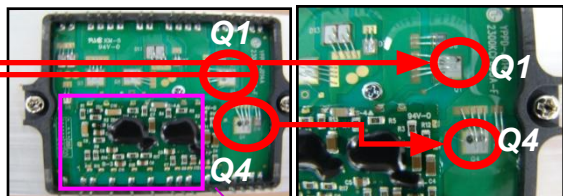
## Field SVC Guide

General

- ◆ Applicable Models : All H2 series PDP-TV with 42V7 Module Fitted 42PX1RV, 42PX2RV\*, 42PX3RV\*, 42PX4RV\*, 42PX4MV\*, 42PM3MV\*  
\* Others:##-42PX40 Series, RZ-42PX30
- ◆ Symptom : No Picture & Audio Sound OK

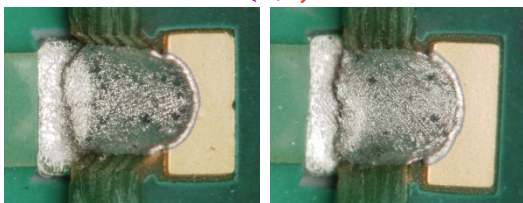
Cause

- IPM Failure on Y-SUS Board of V7 PDP Module
- Q1, Q4 Dead



> Solder Crack

*Burnt stain in Q1,4*



SVC Guide

- ◆ Market : Global (PAL BG/I/DK, SECAM L/L', NTSC, PAL M/N)
- ◆ When a PCB fitted to the PDP module fails (CTRL, YDRVTP, YDRVBT, XRLBT, XRRBT, YSUS, ZSUS) please only use the replacement part number according to the list.
- ◆ Especially when Y-SUS Board fitted to the Y-SUS Board fails please use the repair kit to change Y-SUS, Z-SUS and Control Board all together according to the list.

### NOTE:

- Currently there is stock of Y-SUS Board in spares.
- After exhausting this stock please order or use the Repair kit for repair.



Board Type	Original part no	Replacement Part Number	Y-SUS Failure repair Kit
CTRL	6871QCH053A	6871QCH053F	<p><b>6871VSNB03E</b> (Kit Part number)</p> <p>* Kit Part consists of CTRL, Y-SUS and Z-SUS</p> <ul style="list-style-type: none"> <li>•CTRL : 6871QCH053G</li> <li>•Y-SUS : 6871QYH036D</li> <li>•Z-SUS : 6871QZH041B</li> </ul>
	6871QCH053E		
	6871QCH053F		
	6871QCH053G	6871QCH053G	
Y-SUS	6871QYH036A	<b>Kit Part Number</b>  <b>6871VSNB03E</b>	
	6871QYH036B		
	6871QYH036C		
	6871QYH036D		
Z-SUS	6871QZH041A	6871QZH041A	
	6871QZH041B	6871QZH041B	
YDRVTP	6871QDH084A	6871QDH084A	
YDRVBT	6871QDH085A	6871QDH085A	
XRLBT	6871QLH047A	6871QLH047B	
	6871QLH047B		
	6871QLH047D		
XRRBT	6871QRH055A	6871QRH055B	
	6871QRH055B		
	6871QRH055D		

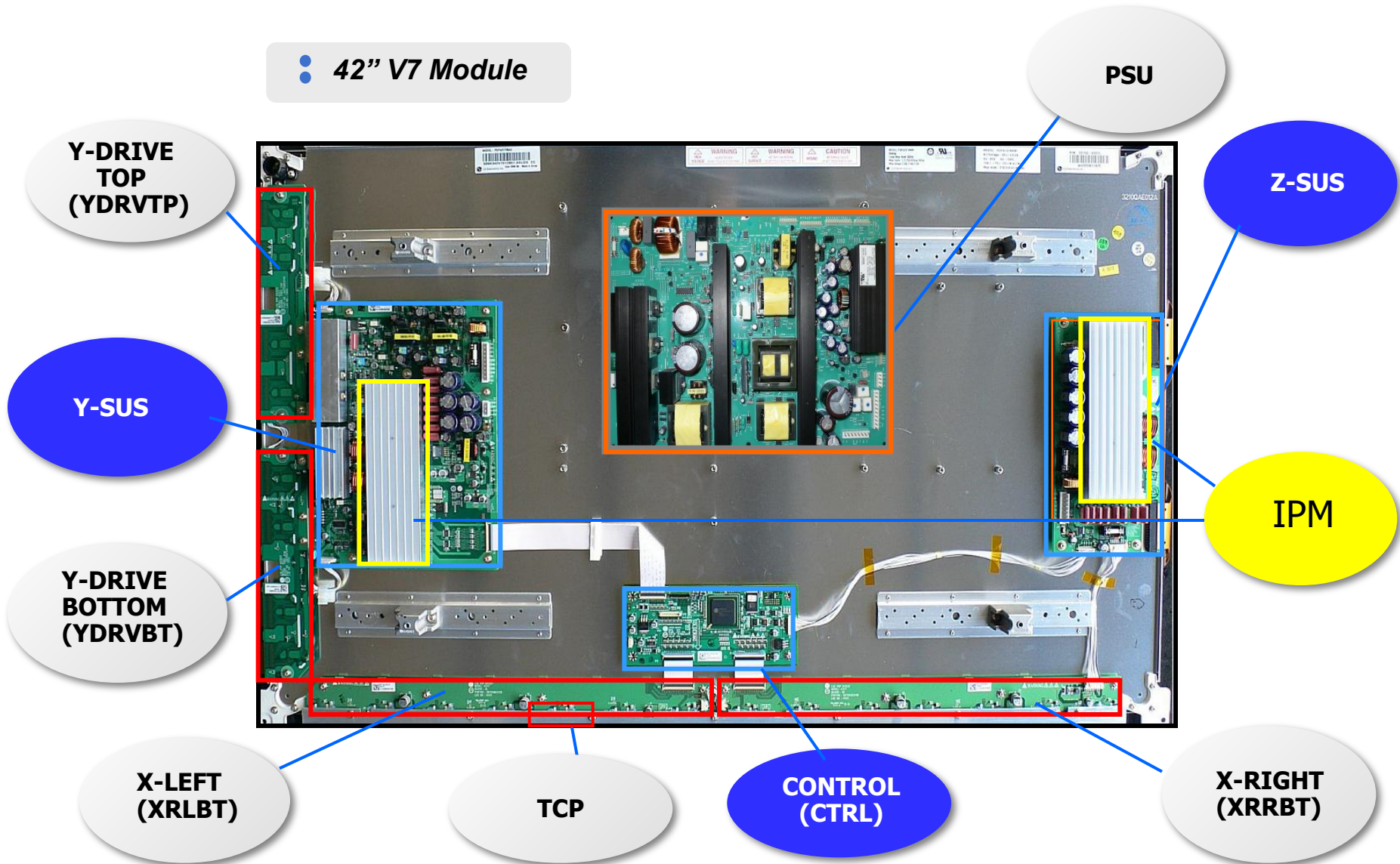
**6871VSNB03E**  
(Kit Part number)

\* Kit Part consists of CTRL,  
Y-SUS and Z-SUS

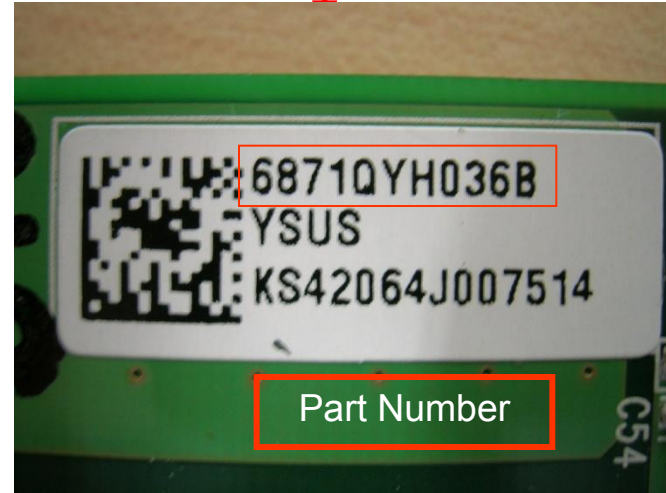
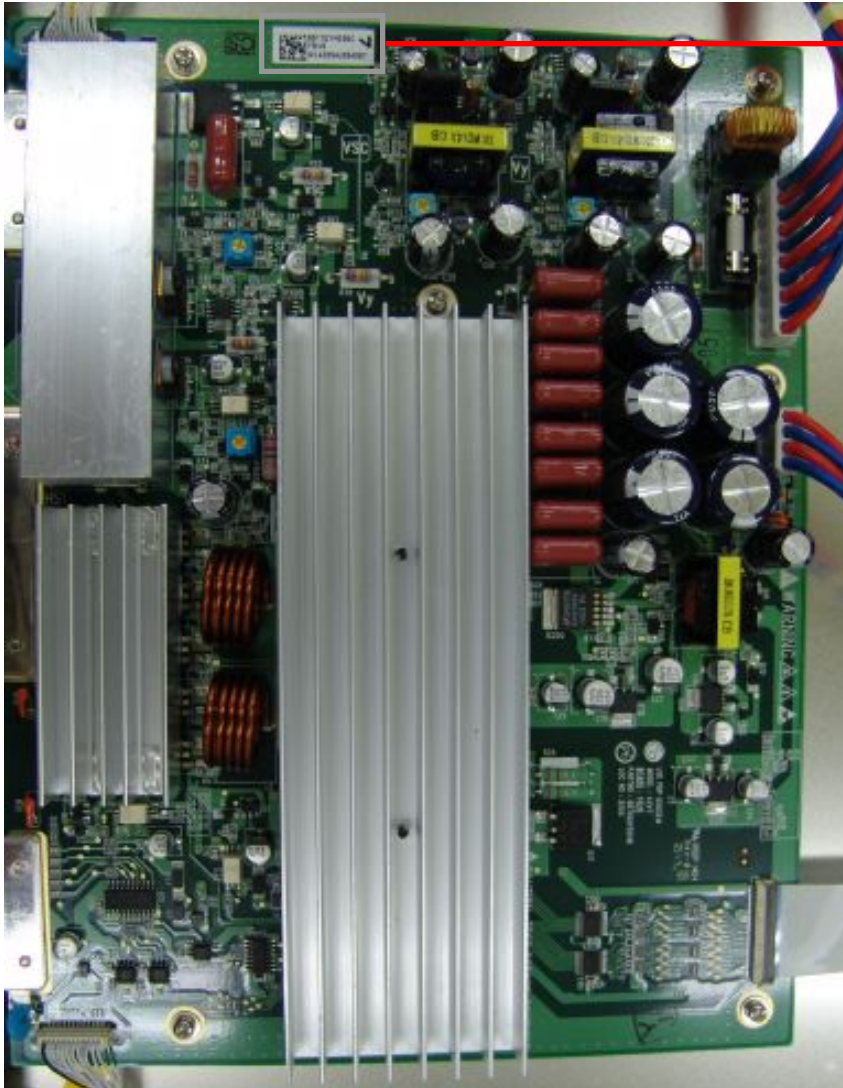
- CTRL : 6871QCH053G
- Y-SUS : 6871QYH036D
- Z-SUS : 6871QZH041B

Not Supplied  
in Kit

• 42" V7 Module

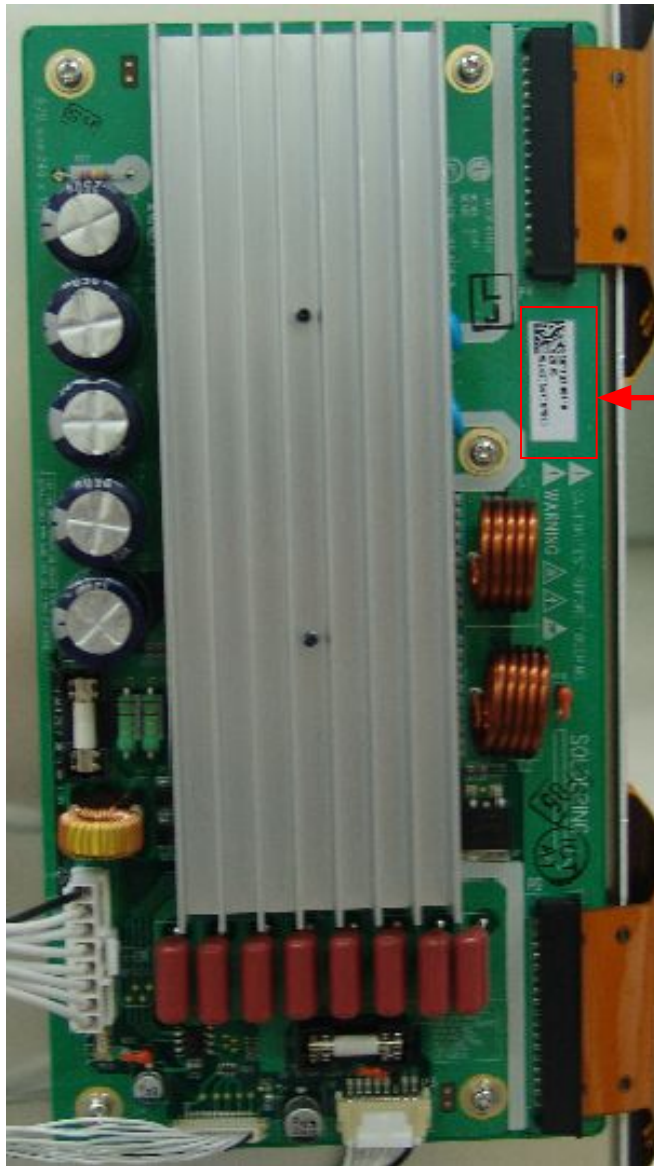


PDP42V7 Y-SUS Board



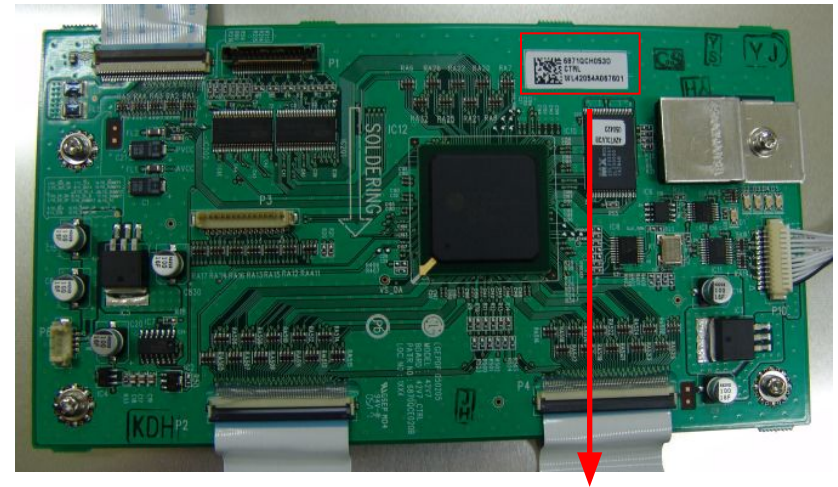
Y-SUS Board Label

PDP42V7 Z-SUS Board



Board Label

PDP42V7 CTRL Board



Board Label