

Re: Power Supply Sony KV32S12

Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2005-06/msg00428.html>

- *From:* "Art" <plotsligt@xxxxxxxxxxxxx>
 - *Date:* Wed, 8 Jun 2005 07:45:08 -0400
-

R607 1-202-933-61
Q601/602 8-729-019-49
Q502 8-729-035-75
C611/612 1-136-169-00
D648 8-719-057-52
R622 1-212-958-00
VDR601 1-810-974-21

Make sure to check the soldering around and including the LOPT, H-Driver Transformer, and the numerous loads off the LOPT S/A R551,557,536, D530,531, Etc. BTW this power supply can be run up on a variac without being connected to the main board to confirm operations.

"Leonard Caillouet" <no@xxxxxxxxxx> wrote in message
[news:wolpe.102250\\$J25.65577@xx](mailto:news:wolpe.102250$J25.65577@xx)

- >I posted the following message on May 30, the same day that you first
- > inquired...
- >
- > You sound like a tech. Where are you located and what kind of work do you
- > typically do?
- >
- >
- > Start the PS up slow and as soon as it starts switching note the
- > frequency.
- > If it is below about 50kHz be careful. I have seen these sets with surge
- > damage with bad switching transformers and the tend to run slow from the
- > start. If it does it will blow the PS again in short order. Also note
- > the
- > duty cycle of the transistors, which should be within a couple of percent
- > of
- > 50%. You should really get the training manual on this series of sets if
- > you are going to work on them. Once you get to understand them they are
- > pretty easy repairs.
- >
- >
- > Check the standby circuit. If VDR601 was shorted, R644 is likely open and
- > you need to check the rest of the standby circuit carefully before trying
- > to
- > start the PS. With external sources of damage I have seen these circuits,
- > and the soft start and protect circuits damaged.

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>
> C609–C612 .22uFd 100V
> R653 1 ohm .25W
>
>
> BTW, Tritronics has many Sony parts on their search engine and if they
> don't
> will do the research for you for free. Other Sony distributors such as
> Andrews and Fulton will do the same.
>
>
> Leonard
>
>
> "Vince" <vmschmitt@xxxxxxxxxxxx> wrote in message
> [news:bK8pe.50158\\$rt1.15144@xxxxxxxxxxxx](mailto:news:bK8pe.50158$rt1.15144@xxxxxxxxxxxx)
>> Hi!
>> If anyone has a drawing for this set, I am in need of what the values
>> are
>> of C609 610 611&612 and also or R653 which was also blown, I hope this is
>> all that is wrong with this set, I replaced the HOtr and both of the 4834
>> trs, also the VDRs.
>> Thanks in advance for any help I get.
>> Vince
>>
>>
>
>

• **References:**

◆ **[Power Supply Sony KV32S12](#)**

◇ From: Vince

◆ **[Re: Power Supply Sony KV32S12](#)**

◇ From: Leonard Caillouet

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