

Re: HOT keeps breaking down

Source: <http://sci.tech--archive.net/Archive/sci.electronics.repair/2005-07/msg00329.html>

- *From:* "Rene" <invalid@xxxxxxxxxxx>
 - *Date:* Mon, 4 Jul 2005 10:08:09 +0200
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"petrus bitbyter" <pieterkraltlaatditweg@xxxxxxxxxxxxxxxxxxxx> schreef in bericht [news:42c8350b\\$0\\$776\\$3a628fcd@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:42c8350b$0$776$3a628fcd@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

>

> "Rene" <invalid@xxxxxxxxxxx> schreef in bericht

> news:EaqdnTAs0Oa2QFrfRVnyjQ@xxxxxxxxxxxxxxxx

>> "Inty" <inty.the.best@xxxxxxxx> schreef in bericht

>> [news:K19xe.22344\\$h5.988881@xxxxxxxxxxxxxxxx](mailto:news:K19xe.22344$h5.988881@xxxxxxxxxxxxxxxx)

>>>

>>> "Rene" <invalid@xxxxxxxxxxx> ha scritto nel messaggio

>>> news:wYGdnXfB448_mljfRVnygg@xxxxxxxxxxxxxxxx

>>>

>>>> store gave me a BU1508DX instead of a BU1506DX which was not in stock

>>>> (but

>>> SPPPPPPRRRRRRRRRRRRRRRRRRRR!!!!T

>>> There's something that isn't ugal on those two xistors... they aren't

>>> interchangeable, BU1508DX has VCESAT of 1.0V and BU1506DX has VCESAT of

>>> 5.0V

>>> and there are some diverse parameters...

>>

>> Dear Inky,

>>

>> Very funny, in another store they also said that their computer proposed

>> the 1508 as a 1:1 replacement. I do not trust their computers. Well, I

>> mean, I do not trust the people who put this info into their computers.

>> I ordered a new LOPT and also two 1506's. When I have results, I will

>> post them here.

>>

>> Thank You very much for replying!

>>

>> Sincerely,

>> Rene

>>

>

>

> Comparing the datasheets of both types reveals they virtually be the same

> although the 1508s specs are slightly better. The VCESAT Inky mentioned is

> a maximum so worst case. The actual VCESAT may be below 1V for both types.

>

> The LOPT is a pretty expensive device. You can find many tips for checking

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> the it at:

> <http://repairfaq.ece.drexel.edu/sam/flytest.htm>

> a relatively easy to build tool at:

> <http://members.ozemail.com.au/~bobpar/fbt.htm>

Thanks for the links, I already ordered a new one at Lejos (30 euro's). Of course they