

Date: Wed, 26 Feb 2003 11:56:53
From: male man
Subject: bassace errors

here are some (minor) errors i found on the bassace documentation.

-R16 listed under 1k and 2.2k. 2.2k (2k2) is the correct value.

-R76 not on parts list. should be 100R.

-D6-D9 missing from parts list. i think these must be switching signal diodes like 1n914 or 1n4148.

i figured out which resistor was the tempco, but is there a way to tell other than deduction? im not familiar with using these.

thanks

Date: Thu, 27 Feb 2003 16:56:03
From: "cavernosum6 "
Subject: bassace midi-cv problems

Hi -- I'm attempting my first EFM board, the BassAce; I've been building it one circuit at a time, starting with the power supply (which tests out OK). The next was the MIDI/CV circuit: got pin 1 of U8 calibrated to -10.5v, but the outputs (Key CV, Mod CV) are frozen at around 5 volts, and the Gate CV down near Zero. Checked the components & the channel select switch; all look good.

(and I left my logic probe at home, so can't check the DAC/PIC lines).

Anybody else been through this, or have some ideas where I can start looking?

Thanks, eh?

Date: Thu, 27 Feb 2003 17:50:23
From: "cavernosum6 "
Subject: bassace -- errata sheet errata

Hello again --

well, apparently my MIDI/CV problems were caused by my believing the line on the "BassACE Fixes" page that states: "Boards sent out after 6-20 are shipped repaired."

It would seem that my board is in need of ALL the fixes -- here goes a long (& ad-filled) excursion into the archives.

Date: Fri, 28 Feb 2003 00:07:51
From: "metamaticdiy "
Subject: Re: bassace -- errata sheet errata

Hi Greg,

Well, really, no search of the archive is necessary... the page that says "boards sent out after 6-20 are shipped repaired"? All the needed fixes are on that page. Nothing major, just a couple of trace cuts and a few parts that have to be reoriented.

Should take less than an hour. Enjoy the BassAce... it's a great little synth, the mutant offspring of the TB-303 and a Moog.

Rich

Date: Fri, 28 Feb 2003 07:47:52
From: greg montalbano
Subject: Re: Re: bassace -- errata sheet errata

At 12:07 AM 2/28/03 +0000, you wrote: >Hi Greg,
Well, really, no search of the archive is necessary... the page that says "boards sent out after 6-20 are shipped repaired"? All the needed fixes are on that page. Nothing major, just a couple of trace cuts and a few parts that have to be reoriented.

Well, that and reconciling all the discrepancies between the schematic and the parts list...

>Should take less than an hour. Enjoy the BassAce... it's a great little >synth, the mutant offspring of the TB-303 and a Moog. > >Rich

Mostly done now....

Date: Fri, 28 Feb 2003 20:57:02
From: "metamaticdiy "
Subject: Re: bassace -- errata sheet errata

--- In EFM_Synth, greg montalbano wrote:

> > Well, that and reconciling all the discrepancies between the schematic and > the parts list... >

Hi Greg,

If the parts list and schematic disagree.... use the value on the schematic.

Rich

Date: Sat, 01 Mar 2003 22:44:07
From: "tlaskows "
Subject: Re: bassace midi-cv problems

Hey, it sounds like most likely there is something wrong with the midi part. Make sure you you are sending on the right midi channel. I think its channel one, when all dip switches are off.

Next make sure that you are using the right resistors for the midi in circuit, they're supposed to be 220 ohms, they might be marked wrong. i cant remember right now. I have a working bassace here, so i can help you out.

Date: Thu, 20 Mar 2003 14:04:56
From: "J. Agudo"
Subject: About the bassace

I am interested in order the BassAce, and I want to know a couple of things:

You send the components, all of the part lists, and the board apart, and then you have to solder it, is it like that?, what i mean, it is that i would like to build it before in protoboard (in a blank module) and then make the PC Board, if the components are not soldered yet, is what I want to know.

Thank you

Date: Fri, 21 Mar 2003 19:44:13
From: "poison_in_a_colorful_bottle"
Subject: Parts List questions

I've ordered a few modules and I'm going to start ordering the parts. Just a few questions:

Should I go through Mouser Digikey Jameco or who? I live in the States.

Also on the PDF's I'm wondering what a few values are for some of the caps. EGLFO 1A C1,C2, C3 are all 0.1. 0.1 what microfarad picofarad? C4 is .01 again what size? actually I'm confused on all of the Caps.

Resistor R15 says to SEE TEXT I can't seem to find any text is this text going to be included in the kit?

Ok I'm sorry that these questions are so basic but I really don't know - any help would be great.

thx, dustin

Date: Fri, 21 Mar 2003 19:52:16
From: "poison_in_a_colorful_bottle"
Subject: parts list cont'd

sorry for the double post just realized on more question.

do the boards hang off the panels using the pots? I hope so otherwise how do I mount the board to the panel...

thx again dustin

Date: Fri, 21 Mar 2003 11:56:43
From: Tom Arnold
Subject: Re: Parts List questions

Jameco is the most expensive of the 3. I only use them because they are a mile from my house. Sometimes they have weird parts that you cant easily find elsewhere. Mouser and Digikey are both excellent sources of parts. Both have good selections. I think Mouser still offers an option where a kit maker can supply them with a parts list and they will offer the parts as a single Item, I wish more people would use this feature. (could no longer be an option I suppose)

> C1,C2, C3 are all 0.1. 0.1 what microfarad picofarad? > C4 is .01 again what size? > actually I'm confused on all of the Caps

Typically a cap labeled .1 or .01 with nothing else will be microfarad. One way to double check is look at the size of the <missing>

Date: Mon, 24 Mar 2003 20:36:20
From: "tlaskows"
Subject: An easy Bassace Mod!

Hey,

I was just playing with my bassace and i didnt like how the vca decayed really slowly.

I changed the 68k resistor off the vca decay pot to a 4.7k.

Now you can get really quick decays, for that tight bass. I really recommend doing this easy mod..

Tom

Date: Mon, 14 Apr 2003 13:59:41
From: "kpeeklprodigy"
Subject: Re: bassace midi-cv problems

Have you figured this out yet?
I am having the same problem....
Thanks
K

Date: Mon, 14 Apr 2003 08:19:23
From: greg montalbano
Subject: Re: Re: bassace midi-cv problems

I believe I solved it by doing the mods on the "Fixes" page of the instructions. Apparently, it won't work without ALL of these things being done first.
~G

Date: Mon, 14 Apr 2003 17:11:33
From: "kpeeklprodigy"
Subject: Re: bassace midi-cv problems

I recieved the PCB from TomG with the fixes already made.
I double-checked them and still it doesn't work. I am getting +5 volts on the key cv.
Any ideas?
K

Date: Mon, 14 Apr 2003 10:28:24
From: greg montalbano
Subject: Re: Re: bassace midi-cv problems

Um -- are you sure? Are you perhaps referring to the line "Boards shipped out after 6-20 are shipped repaired"? That's what I thought also -- but after I followed ALL the instructions on the "fixes" page, things worked fine.
Also, don't overlook the bottom line on page 2. about resistors 17 - 20.
~GMM

Date: Tue, 15 Apr 2003 13:19:54

From: "J. Agudo"

Subject: Tempco resistor in BassAce

Hi, Finally I got the components to build the BassAce but, but I could not find the tempco 3300 ppm/C, and I used a PTC from Farnell which is 3000 ppm/C, anybody knows what mods do I have to make in the circuit, to get the temperature compensation. The resistor is Meggit LT300014T261K0J, which is as well 1K.

Thank you

Date: Tue, 15 Apr 2003 08:12:03

From: greg montalbano

Subject: Re: Hi, can you help me out with the bass ace synth?

At 06:28 AM 4/15/03 +0000, you wrote:

Hi, i'm from mexico and i have some problems with the synth: I couldn't find in the parts list nothing about the R-13, R76, D-6, D-7, D-8, D-9, i don't know the values for these elements AND ALSO THE U-16 IN THE BOARD THERE'S AN 8 PIN SOCKET FOR IT BUT THE IC IS A 14 PIN?

OK, this has been covered before, but to review: When there is a discrepancy between the parts list and the schematic, always follow the schematic. There are MANY errors & changes in the parts list; the schematic is more correct. For example: looking at the schematic, we see that IC16 is a TL072 (8 pin IC).

I think it's safe to say that the board WON'T work unless the fixes are done.

~GMM