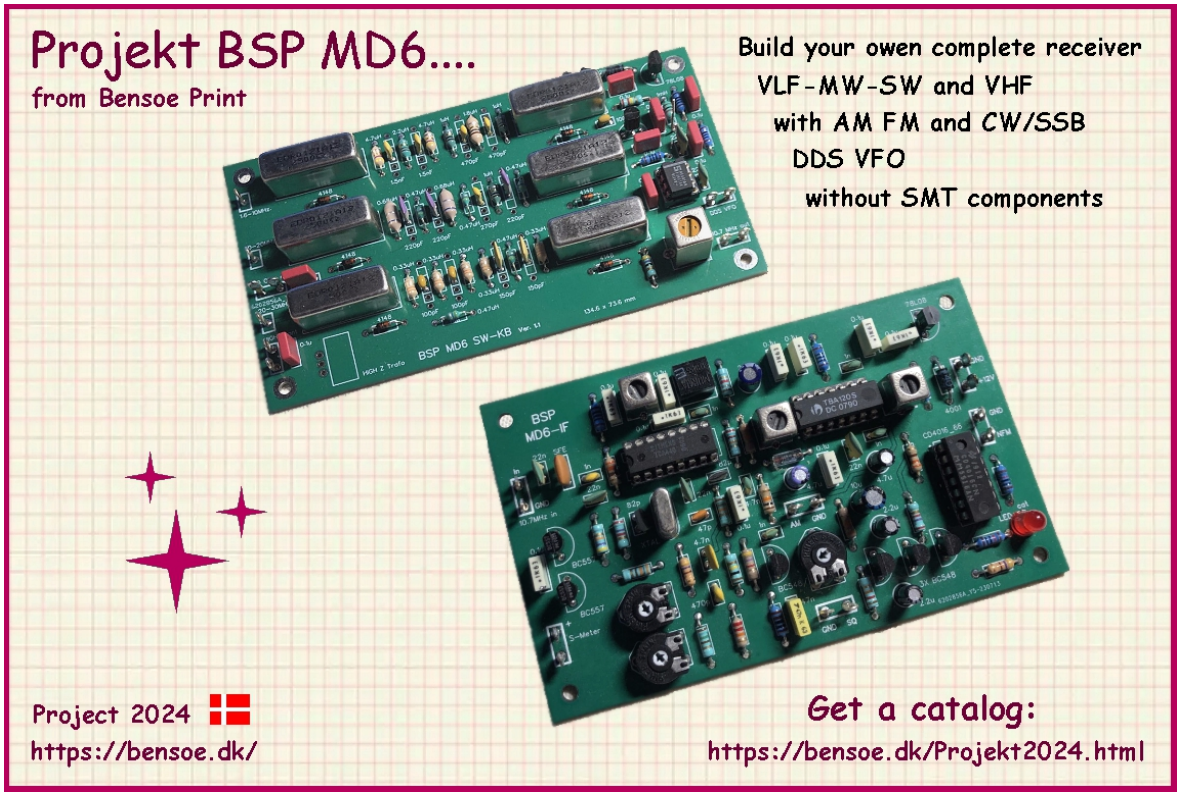
BSP MD6 from Bensoe Print..



BSP projekt 2024....

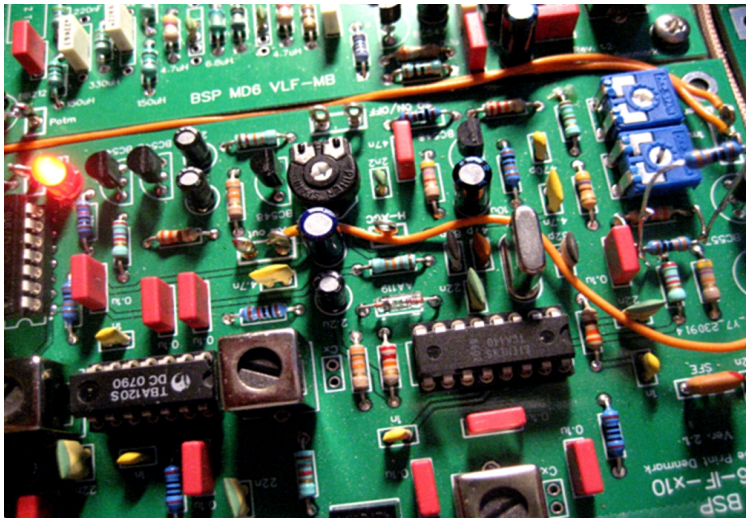
Svend OZ3MZ and Jan OZ8AO (the 'old' BSP backers from Bensoe Print) have decided to 'play a bit' with the BSP idea again.
However, not at the same level as 'at the end of the 70s' with complete building sets, but exclusively with project ideas and the sale of associated printed circuit boards as well as a limited sale of 'museum components' for the project, components which may be a little difficult to obtain to day.

The project is based on people who want to try to build radio equipment from scratch, for people with 'ordinary soldering skills' (ie nothing with SMD components). Therefore, in the project we only use the good old technology, 'with leaded museum components'.
TCA440 and TBA120S, definitely belong to this museum category (used with great success in MD5). We have not been able to find more modern circuits that meet our requirements for usability.

We call the first part of the project 'MD6'. It is made in the old 'MD5 spirit', i.e. not with professional data, but with data that is quite reasonable and usable.

Let's face it: That the project may not be quite what MD5 was, for people at 'Jostykit's level of soldering knowledge', as components and solder islands are quite a bit smaller than they were back then.

The printed circuit boards are double-screened quality prints. 1.5mm FR4 plated through with ground plane on both sides, solder mask and silkscreen component placement on the top side.



Project description:

The project basically consists of a 10.7 MHz intermediate frequency, which is actually a completely sensitive 10.7 MHz receiver with the possibility to listen to the most known forms of modulation, AM, NFM (Narrow-FM) and via our associated module SSB (DSB-SC).

In addition to the mentioned intermediate frequency (IF / MF), the project offers 3 different independent 'Frontend modules' with 10.7 MHz outputs. One for VHF, one for SW and one for the low frequencies, MW, LW and VLF. All just to connect the intermediate frequency 10.7 MHz input.

So, you can freely choose which of the 3 'frequency ranges' you want to make a complete receiver for, or if you want, via a suitable switch, make a receiver for all 3 ranges.

The listening frequency 'scale' is controlled by a 'DDS – VFO module' connected to 'the selected front end', with display and intermediate frequency offset reading.

The BSP modules can of course also be included as parts in your own project and you can change component values at any time if you think something somewhere should have been done 'differently'.

Full transparency:

There is complete openness about the project, i.e. no restrictions on use or other forms of copyright.
A detailed 'PDF manual' written a bit in the good old 'BSP style' (though as next level), will be downloadable for each of the individual modules.
Is it for me?? Try e.g. to download a manual from our website and see if you can 'follow along'.
If the interest is there, we may later launch an MD600 project with more 'proof data'.

Get more info here:
https://bensoe.dk/ENG_Projekt2024.html

Best regards OZ3MZ (Svend) OZ1UM (Bjarne) & OZ8AO (Jan).
Bensoe Print Hillerod Denmark.