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## A look inside the N1201SA VNA

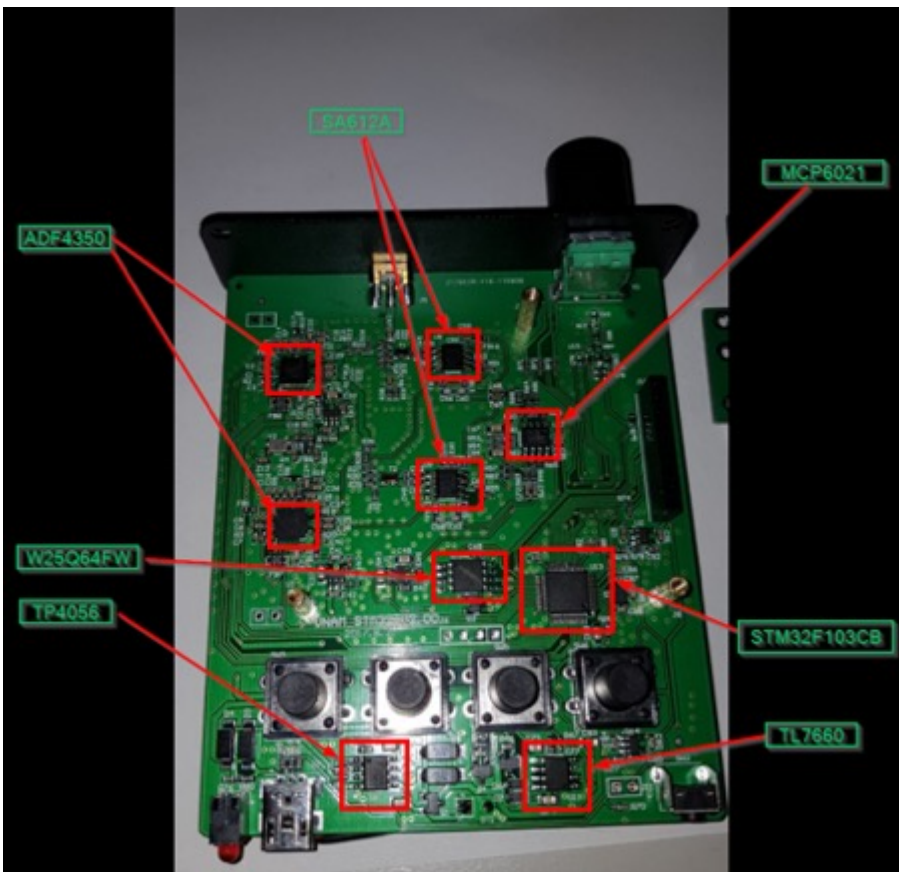
04.02.2018 10:20



Working on antenna projects a VNA is essential. In the field you not want to carry tons of lab equipment, so I got myself a N1201SA. My initial expectations were low. Very low. Practically it has proven to be a very handy tool, exact enough for most of HAM related projects. We've done some benchmark tests, comparing the S11 results to the measurements of some serious lab equipment. The results were close in in 70cm and 2m band.

*Rule #1: Don't switch it on, take it apart! First let's take a sneak inside:*

Main components I've identified:



Regarding the measurements I plan to post some more details and results. Until then I'd recommend to take a moment to watch this cool video from [Andreas Spiess](#) featuring the NS1201SA:

#191 Optimizing Antennas using a cheap N1201SA VNA (Vector Impedance ...

