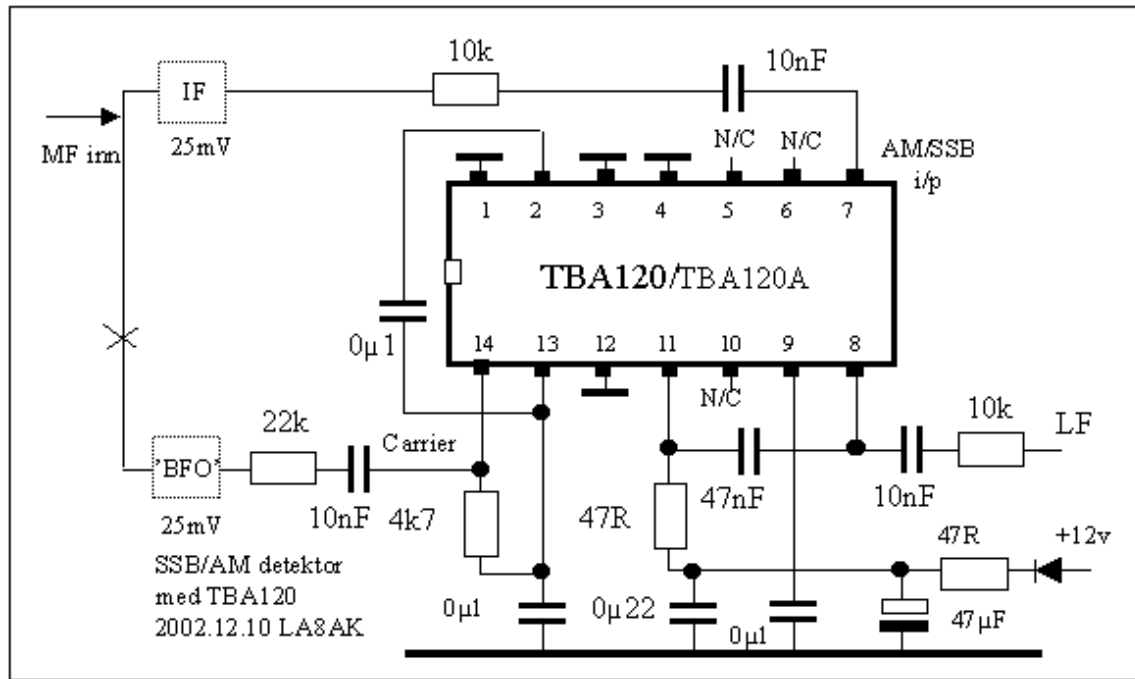


Quasi-synchronous AM-detectors



TBA120 as AM demodulator. Equivalents are SN76660N (TI), TBA120A and S041P (the latter is a low power version). It is in fact a CW/SSB/AM-multimode-detector, but the BFO line is connected to the signal from the IF. Believe I tested it in my Drake R-4C, and it is also tested by Carl-Gustav SM6HYG in his FRG-7 (Yaesu). Please note that TBA120AS, TBA120S, TBA120C, TBA120D etc are different and may not function satisfactorily in this construction. It is also suggested the change for use as SSB detector, but it is an old device and the circuit has more interest as a reference IF level is supposed to be maximum 50mV RMS. **MC1351** should not have more than 10-25mV input, and **TDA1576** is overloaded with higher levels than 100mV RMS. NE/SA604/614 could also well be used, but have not been tested.

This is also shown on [page c11](#)
