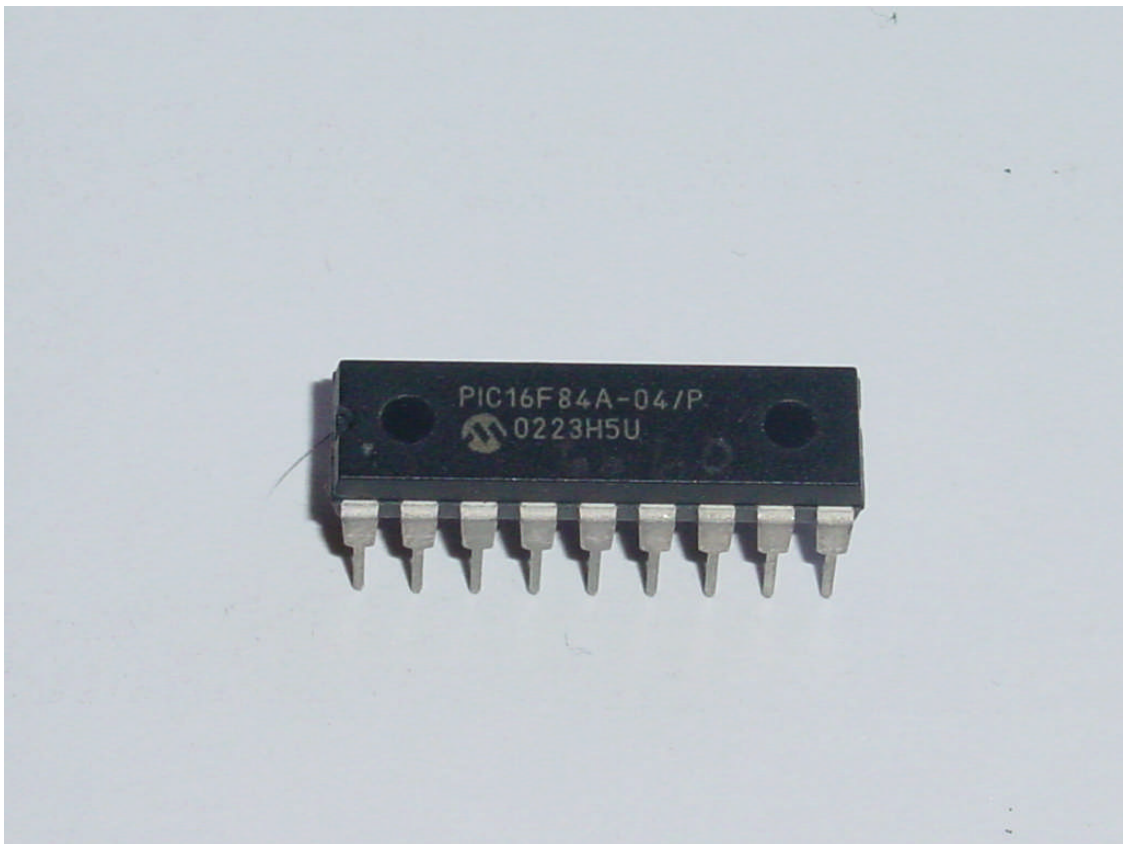


## RX2 PIC UPGRADE

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### PIC UPGRADE FOR THE RX2



## **RX2 PIC UPGRADE**

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© **RIG**

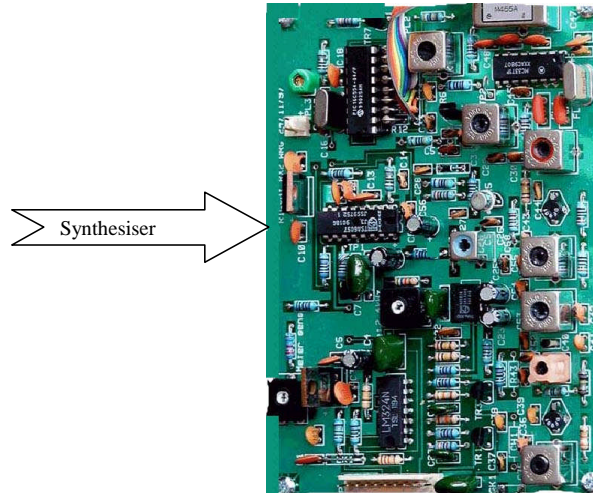
**Acknowledgements:**

Max Hadley - Computer Control Code  
Sam Elsdon - PIC16F84A port & frequency upgrade

## RX2 PIC UPGRADE

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Before starting, a final warning. Please make sure you have purchased the correct PIC for you RX2. Early versions of the RX2 were fitted with the TSA6060 synthesiser. The location of this is shown in the following diagram

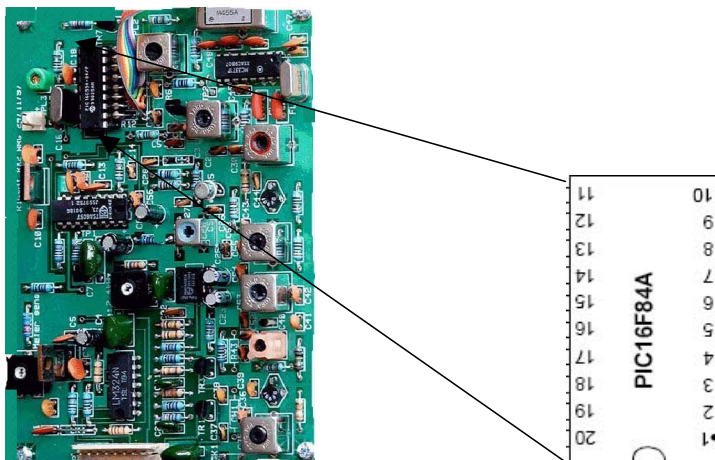


Unless you specified a PIC for the TSA6060, you will have received a PIC for the TSA6057.

### Fitting

Now carefully remove the original PIC from your RX2 (1C6). If you do not have a proper IC 'puller', gently lever each end in turn with a small screwdriver until it pops out of its socket.

Carefully align the new PIC, ensuring that it's the correct way round before gently pushing it into the socket. Check no pins have been forced out or under the socket.



## RX2 PIC UPGRADE

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### Channel Allocation

The remote control facility increases the RX2 channel capacity to 10 – allocated as follows:

Channel Number	Frequency (MHz)
0	137.200
1	137.100
2	137.400
3	137.500
4	137.620
5	137.910
6	137.300
7	137.700
8	137.800
9	137.850

The channel allocation reflects the order used by David Taylor in his PassControl software.

### Remote Control

The upgraded PIC includes the Max Hadley Remote Control software. To work with the RX2 this requires a simple interface to the PC. Details can be found at:

<http://www.susato.demon.co.uk/RX2remote.html>

A kit is available from the RIGShop.