

# VSTCM

Converting PCB V2 to V3

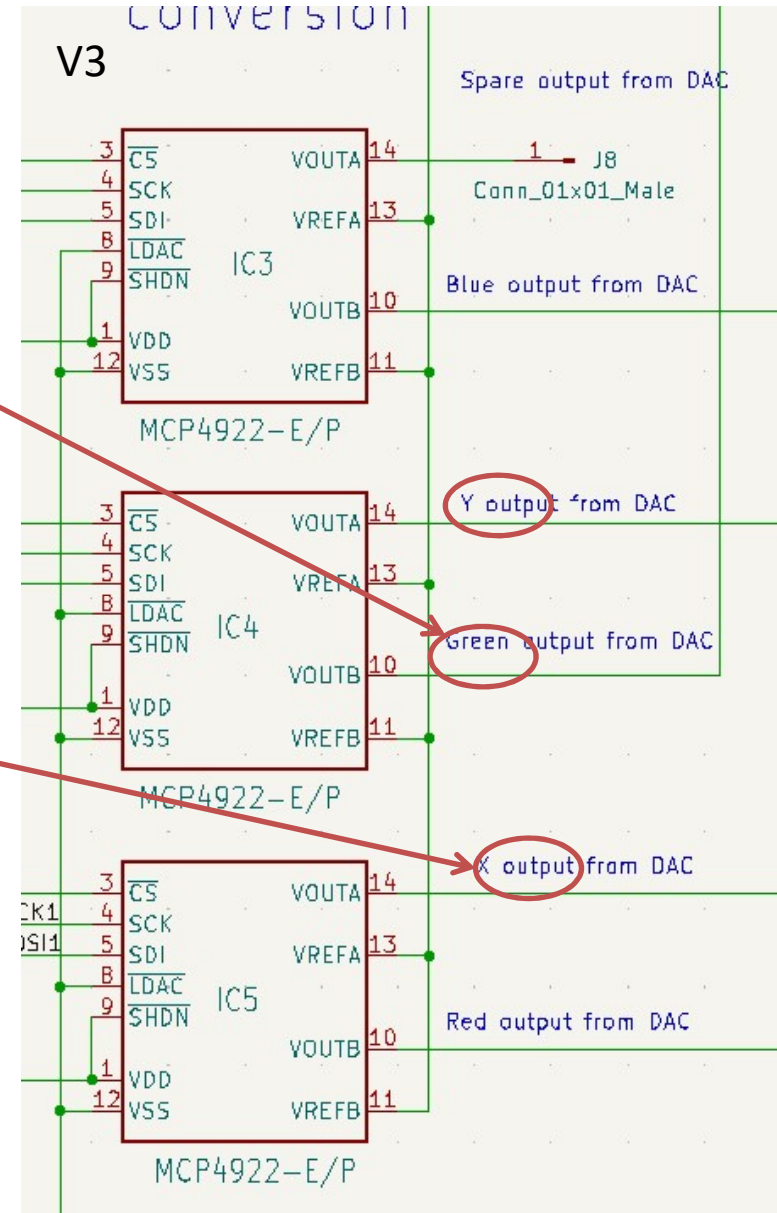
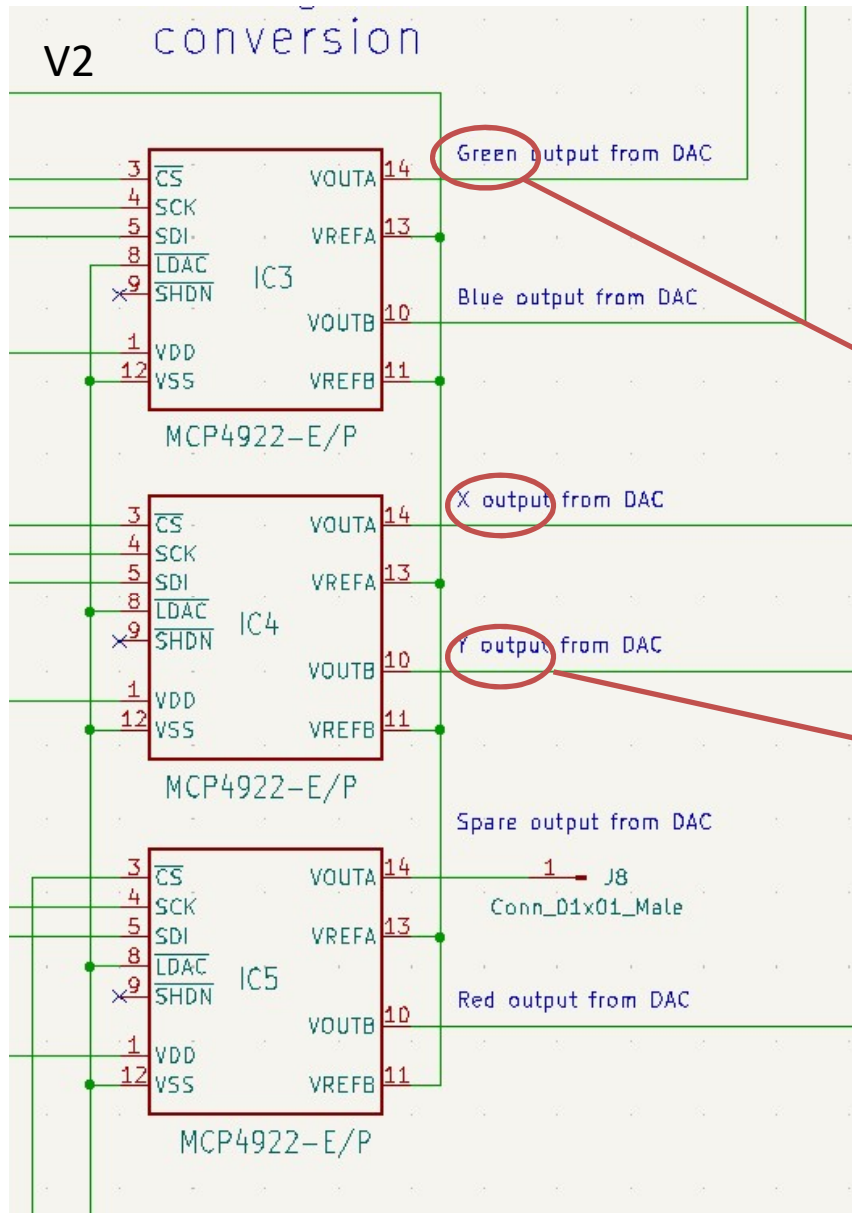
Several improvements have been made in the change from VSTCM V2 to V3, in order to increase performance and improve image quality.

One of the changes made for much improved performance is a modification of the DAC outputs. This change means that code developed for V3 no longer works on V2 and vice versa. However, it is easy to implement the change on a V2 PCB.

To convert the DAC outputs of a PCB V2, two tracks need to be cut, and two patch wires added.

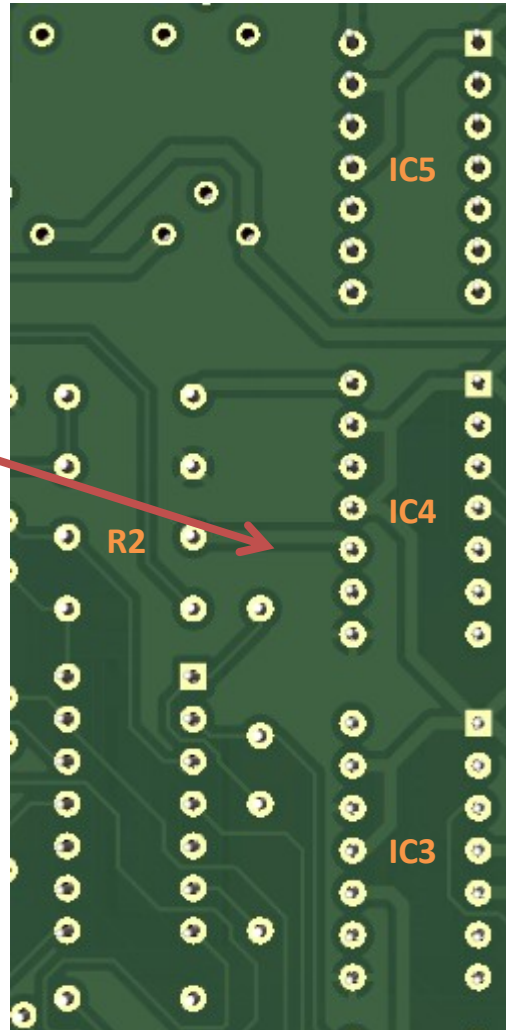
The third difference (X & Y outputs swapped) can be changed in the VSTCM settings (Swap XY).

## Differences in DAC outputs between V2 & V3

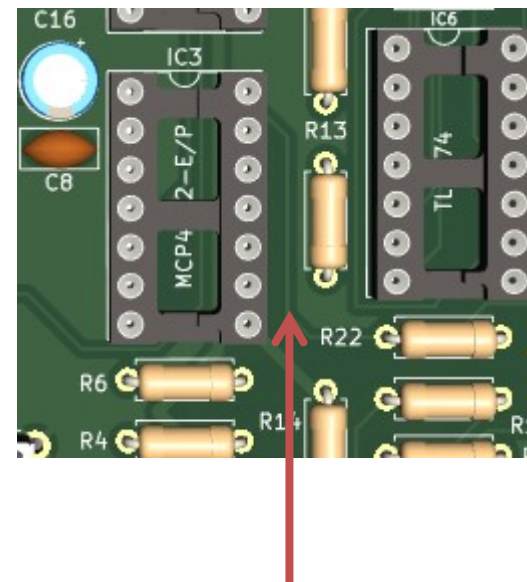


Back of V2 PCB

Cut this track  
(IC4 pin 10  
To R2)



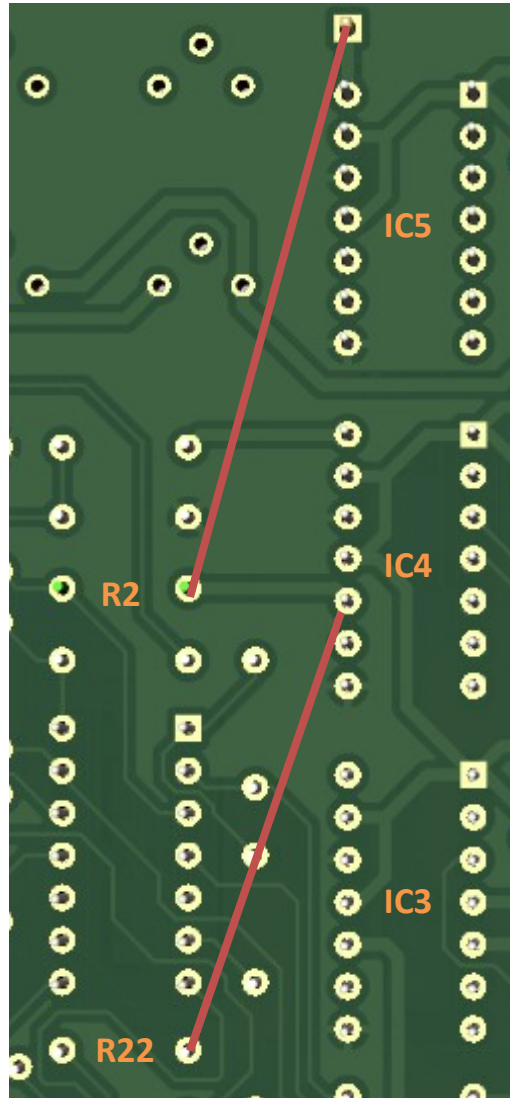
Front of V2 PCB



Cut this track  
(IC3 pin 14 to R22)

## Back of V2 PCB

Add patch wire from  
J8 to R2



Add patch wire from  
IC4 pin 10 to R22