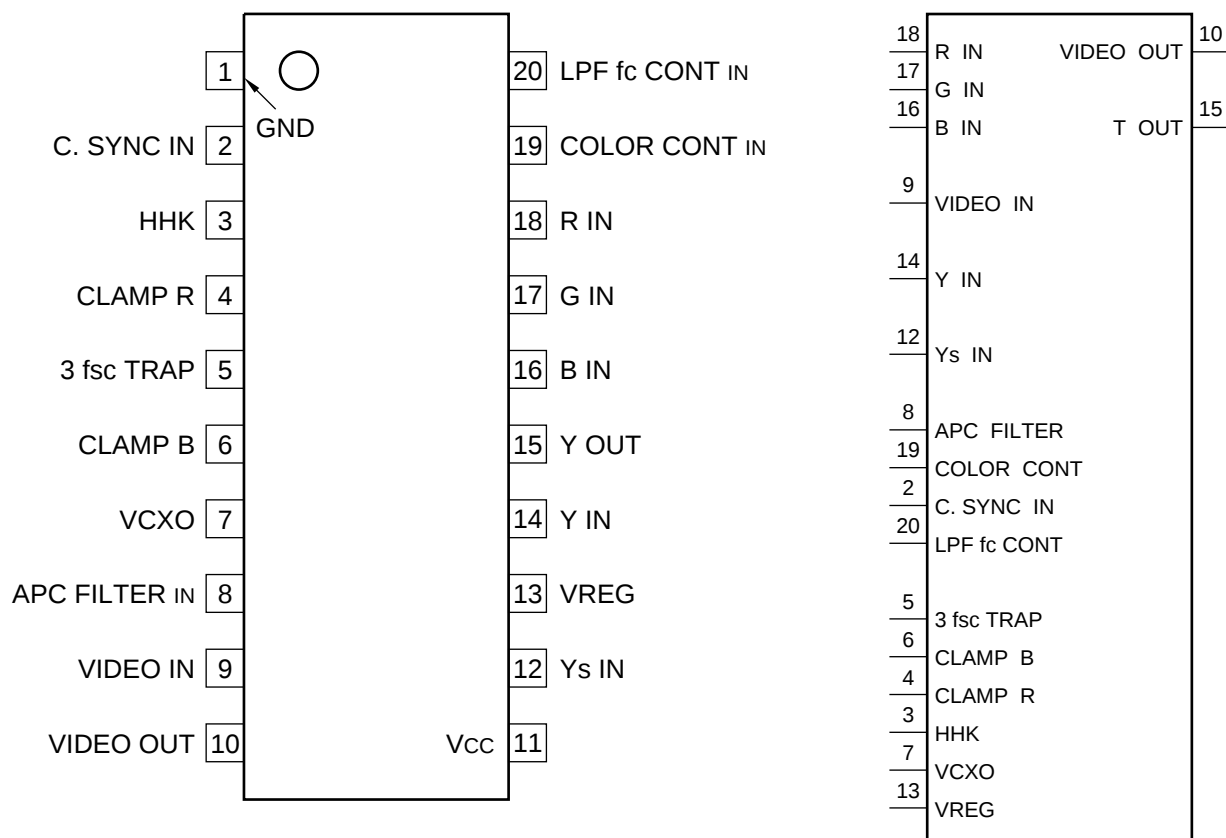


## RGB ENCODER

—TOP VIEW—

**INPUT**

APC FILTER ; APC FILTER CONTROL  
 B IN ; BLUE SIGNAL  
 COLOR CONT ; RGB COLOR LEVEL CONTROL  
 C. SYNC IN ; COMPOSITE SYNC PULSE  
 G IN ; GREEN SIGNAL  
 LPF fc CONT ; CUT-OFF FREQUENCY CONTROL FOR COLOR-DIFFERENCE  
 R IN ; RED SIGNAL  
 VIDEO IN ; COMPOSITE VIDEO SIGNAL  
 Y IN ; DELAYED LUMINANCE SIGNAL  
 Ys IN ; SUPERIMPOSE CONTROL (H ; RGB/L ; VIDEO)  
 VREG ; REGULATED VOLTAGE (2.1 V)

**OUTPUT**

VIDEO OUT ; (SUPERIMPOSED) COMPOSITE VIDEO SIGNAL  
 Y OUT ; RGB ENCODED LUMINANCE SIGNAL

**OTHER**

3 fsc TRAP ; TRAP FILTER CONNECTION  
 CLAMP B ; CLAMP FOR B-Y  
 CLAMP R ; CLAMP FOR R-Y  
 HHK ; HALF HORIZONTAL KILLER PULSE WIDTH ADJUST  
 VCXO ; CRYSTAL CONNECTION

