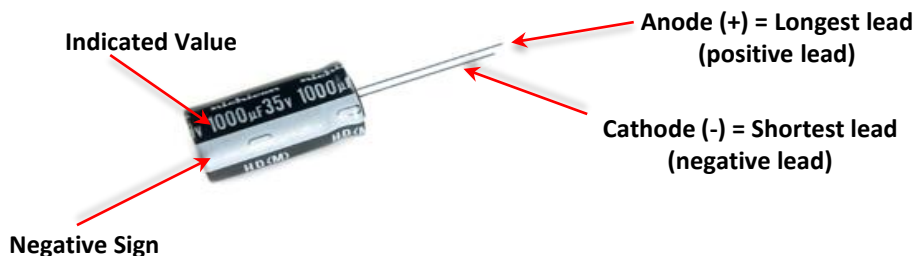




Electrohome G07-CBO Capacitor Kit 19"



Radial Capacitor



Axial Capacitor

- Temperature, age, and humidity can and will change the original values of capacitors. This is why capacitor kits (or cap kits) are necessary.
- Always install capacitors using the correct polarity (positive to positive, negative to negative). Installing a capacitor in the wrong direction can result in damage to the electronic components, and in some cases cause fire or injury.
- Some capacitors are Bi-polar (BP) or Non-Polarized (NP). These capacitors have no positive or negative leads. It doesn't matter which direction these capacitors are installed.
- Always remove any old solder before installing new capacitors.
- For best results, use high-quality capacitors like Nichicon or Panasonic.

Capacitor count

Quantity	Capacitance	Voltage	Type	Remarks
3	100uF	16V	Electrolytic	
2	10uF	250V	Electrolytic	
2	220uF	16V	Electrolytic	
2	3.3uF	50V	Electrolytic	Non-polarized
1	100uF	160V	Electrolytic	
1	1uF	50V	Electrolytic	
1	1uF	160V	Electrolytic	
1	2200uF	25V	Electrolytic	
1	22uF	50V	Electrolytic	
1	3.3uF	160V	Electrolytic	
1	33uF	16V	Electrolytic	
1	4.7uF	63V	Electrolytic	
1	4.7uF	50V	Electrolytic	
1	47uF	160V	Electrolytic	
1	680uF	200V	Electrolytic	



The G07-CBO monitor has a green "dot" indicator on the parts side of the PCB that denotes where the negative lead of the capacitor goes.

Note: Certain capacitors will not be available for all the exact voltages listed above. It is perfectly acceptable to use a higher voltage capacitor with the same capacitance as a replacement. However, **NEVER** use a lower voltage capacitor as a replacement!

Capacitors by board

G07-CBO Main PCB (SU1133A-19") ZS-1-37

#	Value	Voltage	Type	Remarks
C301	3.3uF	50V	Electrolytic	Non-Polarized
C302	220uF	16V	Electrolytic	
*C303	22uF	50V	Electrolytic	See Page 4
C403	100uF	16V	Electrolytic	
C407	4.7uF	63V	Electrolytic	
C408	4.7uF	50V	Electrolytic	
C411	100uF	160V	Electrolytic	
C412	3.3uF	160V	Electrolytic	
C504	1uF	50V	Electrolytic	
C506	33uF	16V	Electrolytic	
C511	47uF	160V	Electrolytic	
C517	100uF	16V	Electrolytic	
C518	220uF	16V	Electrolytic	
C520	3.3uF	50V	Electrolytic	Non-Polarized
C521	2200uF	25V	Electrolytic	
C523	1uF	160V	Electrolytic	
C701	100uF	16V	Electrolytic	
C904	680uF	200V	Electrolytic	
C905	10uF	250V	Electrolytic	
F901	1.25A			Glass Fuse
F902	3A			Glass Fuse
R314	390 Ohm	1/4 Watt		Resistor
R317	390 Ohm	1/4 Watt		Resistor
R908	47 kOhm	1/2 Watt		Resistor
2SD870				G07 HOT

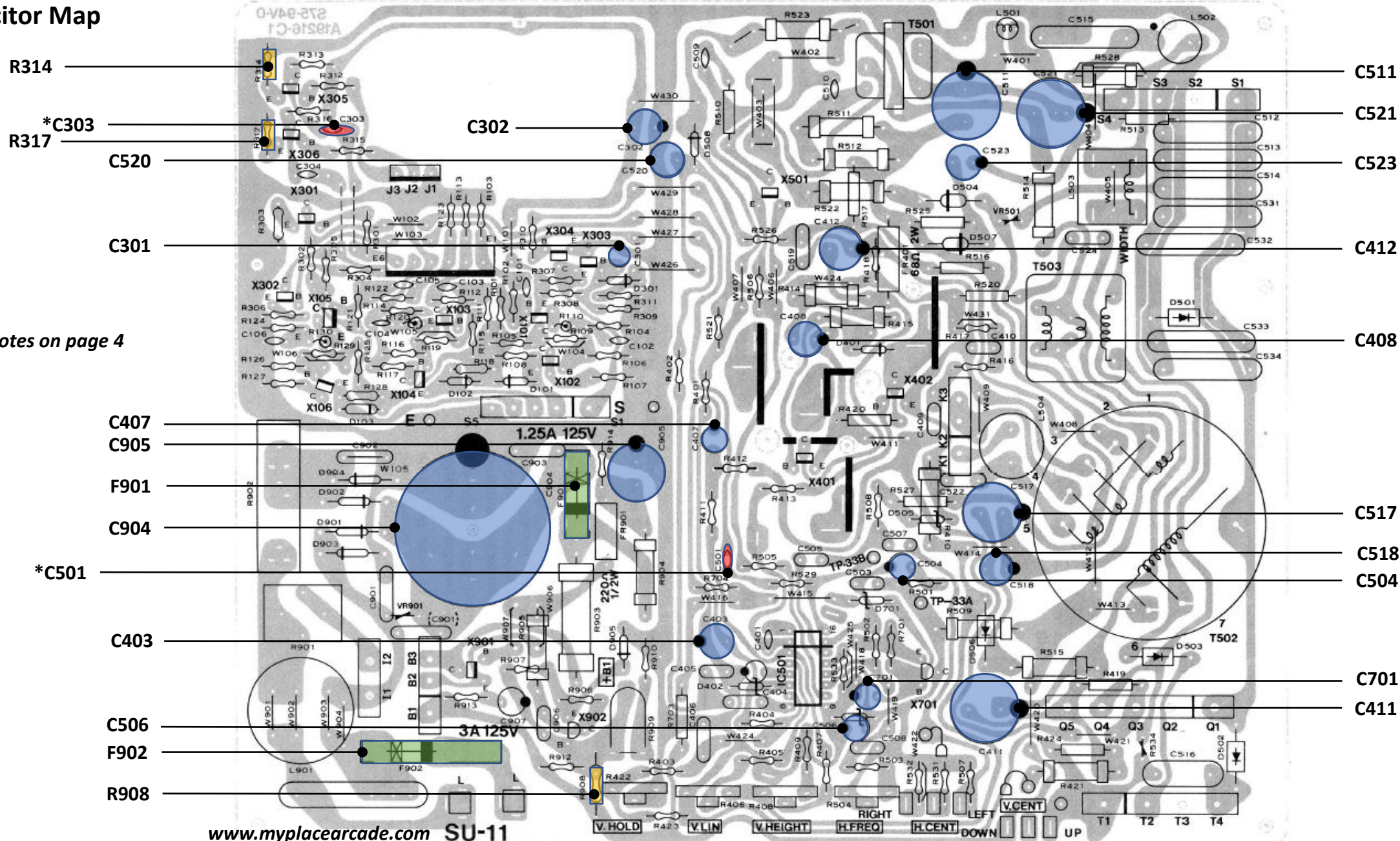
G07-CBO CRT Socket PCM (SU-3032A-19") ZS-3-17

#	Capacitance	Voltage	Type	Remarks
C107	10uF	250V	Electrolytic	

Note: The silk screen on the solder side of the main PCB indicates the wrong polarity for capacitor C302.

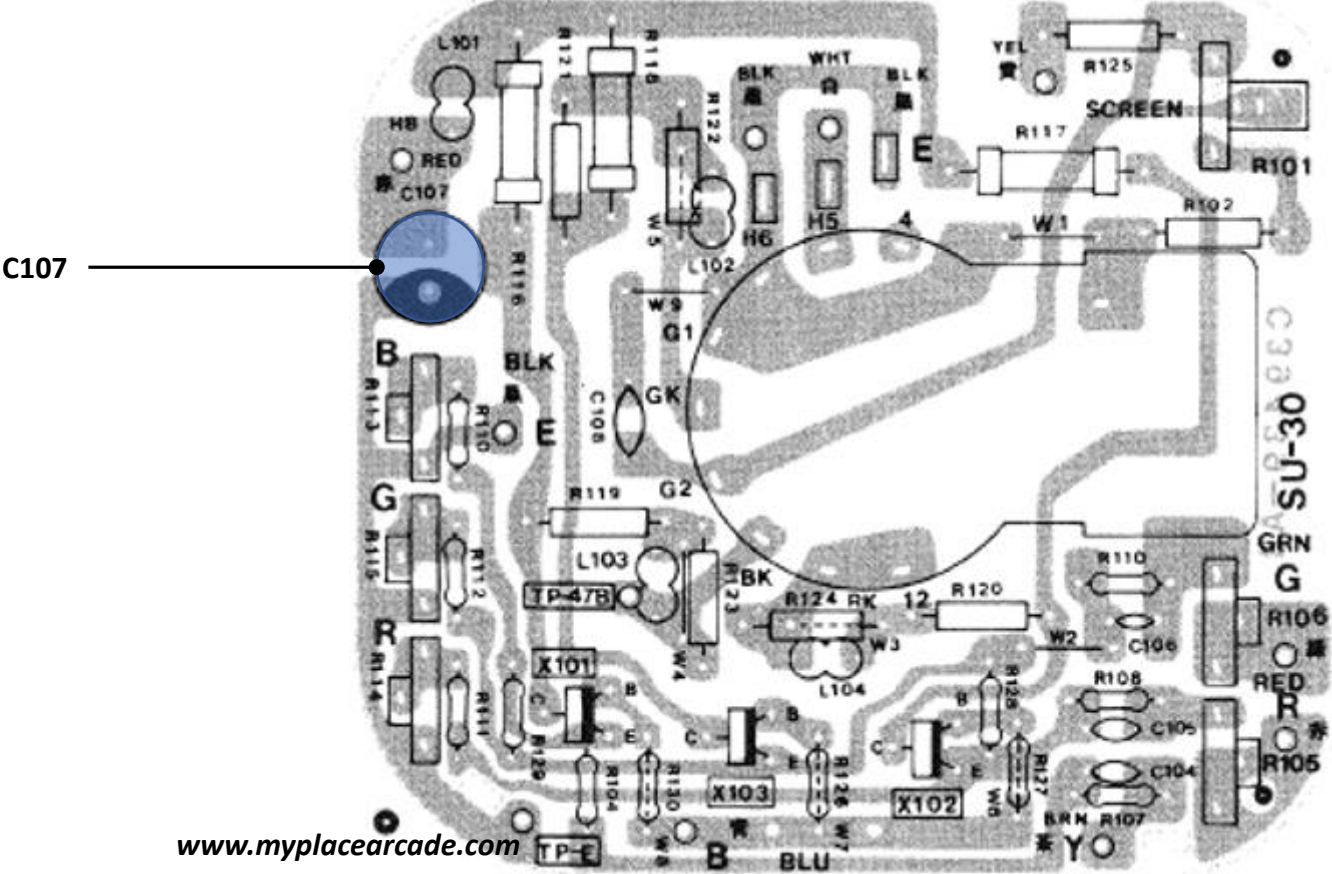
G07-CBO Main PCB (SU1133A-19") ZS-1-37

Capacitor Map



G07-CBO CRT Socket PCB (SU-3032A-19") ZS-3-17

Capacitor Map



G07-CBO Main PCB (SU1133A-19") ZS-1-37

Notes

Some G07-CBO monitors have a noticeable curl at the top of the monitor. To help solve this issue, you can perform this capacitor modification. This procedure is totally optional.

1. Remove C501 and throw it in the trash.
2. Remove C303 and install it where C501 was installed. It does not matter the direction you install the C303 cap as there is no polarity.
3. Remove the solder from the hole that is in the middle of the two holes where C303 originally resided. Fill the right C303 hole farthest from the board's edge with solder (the farthest hole on the right if the board is oriented like the picture on the right).
4. Insert a new 22uF 50V Electrolytic capacitor in the two left holes where C303 was previously installed. The positive lead goes closest to the left edge of the board (to the collector of X305) and the negative lead goes in the hole you cleaned out in step 3 (the middle hole).
5. You may need to adjust the Horizontal Hold after you perform this modification.

*C303

*C501

