Serie 
$$C_{eq} = (\frac{1}{C_1} + \frac{1}{4}) = (\frac{1}{20} + \frac{1}{4}) = 10MF$$

Ceg = 104F

$$C_{2} = \frac{2}{\sqrt{2}} \left( \frac{1}{\sqrt{2}} + \frac{1}{\sqrt{2}} \right)^{-1} \left( \frac{1}{\sqrt{2}} + \frac{1}{\sqrt{2}} \right)^{-1} = \frac{1}{\sqrt{2}} \left( \frac{1}{\sqrt{2}} + \frac{1}{\sqrt$$

FC1 (C3) 
$$C_1 = 30MF$$
  $C_4 = 12MF$   $C_4 = 12MF$   $C_{34} = C_3 + C_4 = 36 + 12 = 48MF$   $C_{34} = C_3 + C_4 = 56 + 30 = 80MF$   $C_{12} = C_1 + C_2 = 50 + 30 = 80MF$   $C_{24} = (\frac{1}{12} + \frac{1}{14}) = (\frac{1}{12} + \frac{1}{12}) = \frac{1}{30MF}$ 

$$(eq = 0.4 \text{ } ) = (eq \text{ } )$$

$$(eq = 0.4 \text{ } ) = 0.4 \text{ } )$$

$$(2 = (30 \times 10^{-6})(30) = 0.4 \times 10^{-3}$$

$$Ce_4 = 0.4 \text{ } Q = (e_4 \text{ } V_0)$$

$$Ce_4 = 0.4 \text{ } V_0$$

$$(3c_5)(3c_5) = 0.4 \text{ } V_0$$

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-11.25 V34 - 434 - (0.9×10-3) - 48.75V Cu = BOMF q=C212 = (30 × 10-6)(11,25) = 0.3375 × 10-3C 43=(31)=6×10-6×10-6×10-3C 4-Cy/4-(12x10-6)(18.75)=0.125x10-3C 4,=C,V, = (50x wo-6)(11.25) = 0.563x10-3C. (=Q - V12 = 912 = (0.9 ×10-3) En Paralelo mismo Voltase 48×10 Q=434=42=0.9mC Vir = V, = Vi = 11.25V en serie misma Carga V34 = V2 = V4 = 18.75V C34 Q = 0.9 mC lea=30UF No = 30V C3 = 36MF C4 = 12AF C2 = 30MF J = 50 MF