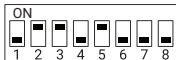
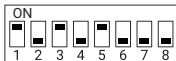
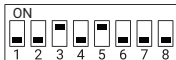
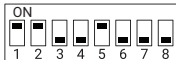
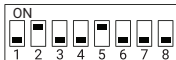
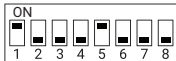


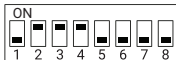
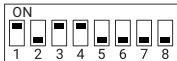
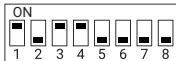
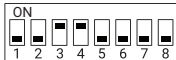
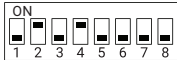
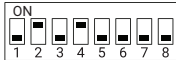
MC18

MC30

24,49 Ω 8,69 Ω 25,42 Ω 9,02 Ω 27,28 Ω 9,68 Ω 28,52 Ω 10,12 Ω 29,45 Ω 10,45 Ω 31 Ω 11 Ω 34,1 Ω 12,1 Ω 35,65 Ω 12,65 Ω

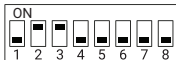
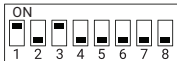
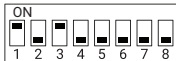
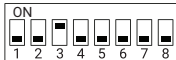
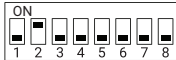
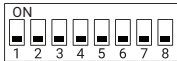
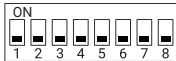
MC18

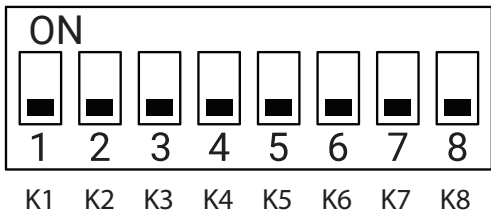
MC30

36,58 Ω 12,98 Ω 38,75 Ω 13,75 Ω 43,4 Ω 15,4 Ω 46,5 Ω 16,5 Ω 48,67 Ω 17,27 Ω 52,7 Ω 18,7 Ω 62 Ω 22 Ω 68,2 Ω 24,2 Ω

MC18

MC30

71,3 Ω 25,3 Ω 80,6 Ω 28,6 Ω 103,23 Ω 36,63 Ω 124 Ω 44 Ω 139,5 Ω 49,5 Ω 179,8 Ω 63,8 Ω 356,5 Ω 126,5 Ω 837 Ω 297 Ω



FIX= 270K (RES)

K1= 200K (RES)

K2= 75K (RES)

K3= 47K (RES)

K4= 24K (RES)

K5= 12K (RES)

K6= 100pF (Cap)

K7= 100pF (Cap)

K8= 47pF (Cap)

$$Z_e = \frac{((\text{FIX}) \times (K_x))}{(\text{FIX}) + (K_x)}$$

$K_x = (K1 \dots K5)$

$C_E = K1 + K2 + K3$

$Z_{\text{pickup}} \times (A^2) = Z_e$

(A=18 or 30)



$C_E = 100\text{pF}$



$C_E = 100\text{pF}$



$C_E = 47\text{pF}$