

## Bill Of Materials PSA-150S

R101, 201 = 120K/0.25W/1%/Metal/RM2 Panasonic = 0.10 LEI  
R102, 202, 103, 203, 120, 220, 121, 221 = 66K/0.25W/1%/Metal/RM2 Panasonic = 0.10 LEI  
R104, 204, 122, 222, 109, 209, 110, 210, 129, 229, 133, 233 = 750R/0.25W/1%/Metal/RM2 Panasonic = 0.10 LEI  
R105, 205, 106, 206, 118, 218, 119, 219 = 4,7R/0.3W/5%/Metal/RM4/Formed Type Panasonic = 0.14 LEI  
R107, 207, 112, 212 = 2K2/0.25W/1%/Metal/RM4 Panasonic = 0.12 LEI  
R108, 208, 114, 214 = 100R/0.6W/1%/Metal/RM4 Yageo = 0.07 LEI  
R111, 211, 116, 216, 113, 213, 117, 217 = 200R/0.6W/1%/Metal/RM4 Yageo = 0.07 LEI  
R115, 215 = 220K/0.4W/1%/Metal/RM2 Yageo = 0.07 LEI  
R123, 223, 124, 224, 125, 225 = 80K/0.25W/1%/Metal/RM2 Panasonic = 0.10 LEI  
R126, 226 = 15K/0.25W/1%/Metal/RM2 Panasonic = 0.10 LEI  
R127, 227, 128, 228, 132, 232, 133, 233 = 30K/0.25W/1%/Metal/RM4 Panasonic = 0.12 LEI  
R130, 230 = 2K7/0.6W/1%/Metal/RM4 Yageo = 0.07 LEI  
R136, 236, 140, 240 = 43K/0.25W/5%/Carbon/RM4 Panasonic = 0.06 LEI  
R137, 237, 141, 241 = ???/0.6W/1%/Metal/RM4 Yageo = 0.07 LEI  
R138, 238, 139, 239 = ???/0.125W/1%/Metal/0805-1206 ??? = 0.05 LEI  
R143, 243, 148, 248 = ???/0.125W/1%/Metal/0805-1206 ??? = 0.05 LEI  
R144, 244, 145, 245, 146, 246, 147, 247 = ???/0.25-0,6W/1%/Metal/RM4 ??? = 0.10 LEI  
R134, 234, 135, 235, 322, 323, 324, 325 = 15K/0.25W/1%/Metal/RM4 Panasonic = 0.12 LEI  
R142, 242, 149, 249, 150, 250, 151, 251 = 5,6R/0,5W/5%/Metal/RM7/Flame Retardative Hermetic, Cut & Formed Type Panasonic = 0.35 LEI  
R152, 252, 153, 253, 154, 254, 155, 255 = 15R/0,5W/5%/Metal/RM7/Flame Retardative Hermetic, Cut & Formed Type Panasonic = 0.35 LEI  
R156, 256, 157, 257 = 0,47R/0,5W/5%/Metal/RM7/Flame Retardative Hermetic, Cut & Formed Type Panasonic = 0.35 LEI  
R158, 258, 159, 259, 160, 260, 161, 261 = 0,56R/2W/5%/RM10/Wire Cement/Cut & Formed Type Panasonic = 0.65 LEI  
R162, 262 = 6,8R/3W/5%/Carbon/RM12/Cut & Formed Type Panasonic = 1.20 LEI  
R163, 263 = 8,2R/1W/5%/Metal/RM5/Cut & Formed Type Panasonic = 0.40 LEI  
R319, 320 = 820R/1W/5% - Vers. A / 1K3/1W/5% - Vers. B / Metal Panasonic = 0.38 LEI  
R326, 327, 328, 329, 330, 331, 332, 333 = 82R/0.25W/5%/Carbon/RM2 Panasonic = 0.06 LEI  
R301, 302, 303, 304, 306 = 33K/0.125W/1%/Metal/0805 RoyalOhm = 0.04 LEI  
R305 = 47K/0.125W/1%/Metal/0805 RoyalOhm = 0.04 LEI  
R307 = ???/0.125W/1%/Metal/0805-1206 ??? = 0.04 LEI  
R308 = ???/0.125W/1%/Metal/0805-1206 ??? = 0.04 LEI  
R309 = 100K/0.125W/1%/Metal/0805 RoyalOhm = 0.04 LEI  
R310, 311, 312 = 10K/0.125W/1%/Metal/0805 RoyalOhm = 0.04 LEI  
R313 = 47R/0.125W/1%/Metal/0805 Nippon Industries Co = 0.04 LEI  
R313 = 100R/0.125W/1%/Metal/0805 RoyalOhm = 0.04 LEI  
R316, 321 = 1K/0.125W/1%/Metal/0805 Yageo = 0.04 LEI  
R317 = 5K6/0.125W/1%/Metal/1206 Lucky Ltd = 0.04 LEI  
R318 = 18K/0.125W/1%/Metal/0805 Nippon Industries Co = 0.04 LEI

C101, 201, 102, 202 = 2,2 - 3,3uF/50-63V/MKT-MKS/RM2 WIMA = 3.20 LEI  
C103, 203 = 0,22uF/50V/1206 Rohm = 0.08 LEI  
C104, 204, 120, 220, 121, 221 = 220pF/100V/FKP/RM2 WIMA = 0.75 LEI  
C105, 205, 106, 206 = 100pF/50V/RM2 Panasonic = 0.025 LEI  
C109, 209, 112, 212, 113, 213, 116, 216, 118, 218, 122, 222, 124, 224, 304 = 0,22uF/63V/MKS/RM2 WIMA = 0.50 LEI  
C110, 210, 301 = 100uF/16V/Bipolar/RM2 Nichicon Muse = 1.80 LEI  
C107, 207, 108, 208 = 4,7pF/500V/RM2/Plantare optionala ??? = 0.35 LEI  
C111, 211 = 1uF/63V/MKS/RM2 WIMA = 1.20 LEI  
C114, 214, 115, 215 = 0,047uF/50V//1206 Rohm = 0.06 LEI  
C117, 217, 119, 219, 123, 223, 125, 225 = 220uF/63V/Low ESR ??? = 1.20 LEI  
C126, 226 = 0,047uF/250V/FKP/RM2 WIMA = 0.65 LEI  
C127, 227, 128, 228 = 2,2nF/50V/1206 Rohm = 0.06 LEI  
C302 = 1uF/16V/1206 AVX = 0.27 LEI  
C302 = 100uF/10V/C-D EPCOS = 1.20 LEI  
C305, 306 = 1000uF/63V/Low ESR ??? = 2.80 LEI

P101, 201 = 220R/Multiturn BOURNS = 3.20 LEI  
P102, 202 = 1K/Multiturn BOURNS = 3.20 LEI  
L101, 102 = 15CT/AWG18/Sarma Verde Bobinate pe R162, 262 = 2.00 LEI  
RY301, 302 = 12V/16A OMRON = 5.00 LEI  
LD101, 201 = LED Albastru 1206 ??? = 0.42 LEI  
LD301 = LED Rosu 1206 ??? = 0.28 LEI

DZ101, 201, 102, 202, 103, 203, 104, 204 = BZX84C3V9/SOT23 MOTOROLA = 0.08 LEI  
DZ301, 303 = BZX84C6V2/SOT23 MOTOROLA = 0.08 LEI  
DZ302, 304, 305 = BZX84C12V/SOT23 MOTOROLA = 0.08 LEI  
D101, 201, 102, 202, 103, 203, 104, 204 = BAS40/SOT23 PHILIPS = 0.10 LEI  
D301, 302, 303, 304 = BAV70/SOT23 PHILIPS = 0.08 LEI  
D105, 205, 106, 206 = S3M/SMC ??? = 0.32 LEI  
D305, 306, 307 = 1N4007/SMD = 0.10 LEI

Q101, 201, 102, 202, 106, 206, 109, 209 = BC550C/TO92 FAIRCHILD = 0.34 LEI  
Q103, 203, 104, 204, 108, 208, 112, 212 = BC560C/TO92 FAIRCHILD = 0.34 LEI  
Q105, 205, 113, 213 = BC546B/TO92 FAIRCHILD = 0.34 LEI  
Q107, 207, 110, 210 = BC556B/TO92 FAIRCHILD = 0.34 LEI  
Q117, 217, 301, 302, 303, 304, 305 = BC846B/SOT23 PHILIPS = 0.23 LEI  
Q118, 218 = BC856B/SOT23 PHILIPS = 0.23 LEI  
Q111, 211, 116, 216, 121, 221 = 2SA1837 TOSHIBA - Vers. A = 2.60 LEI  
Q114, 214, 115, 215, 119, 219 = 2SC4793 TOSHIBA - Vers. A = 2.60 LEI  
Q120, 220 = 2SC5200 TOSHIBA/FAIRCHILD - Vers. A = 11.0 LEI  
Q122, 222 = 2SA1943 TOSHIBA/FAIRCHILD - Vers. A = 11.0 LEI  
Q121, 221 = MJF15030G ON Semiconductor - Vers. B = 8.00 LEI  
Q119, 219 = MJF15031G ON Semiconductor - Vers. B = 8.00 LEI  
Q120, 220 = MJL3281, MJL21193, MJL21195 ON Semiconductor - Vers. B = 19.0 LEI  
Q122, 222 = MJL1302, MJL21194, MJL21196 ON Semiconductor - Vers. B = 19.0 LEI  
Q306 = MJE340 FAIRCHILD = 0.82 LEI

CN-IN-L, CN-IN-R = Conectori intrare, pereche MAMA(PCB)/TATA+40 Cm cablu ecranat sertizat de fabricant TUNIK = 2.00 LEI

CN301, 302, 303 = Conector 2 pini, pereche MAMA/TATA = 0.62 LEI  
Conector Power Fast On, papuc 6,35mm, pereche mama/tata = 6 x 0.38 LEI  
Soclu siguranta 5x20mm/10A = 4 x 0.45 LEI  
Siguranta 5A ESKA ori FSP PÜSCHEL Made in Germany = 4 x 0.32 LEI  
Radiatoare TO220 = 4 x 0.50 LEI  
Distantier 3x8mm BOSSARD = 5 x 0.45 LEI  
Surub 3x5mm + doua saibe (set) = 5 x 0.08 LEI  
Elemente fixare mecanica = 2 x 2,85 LEI

Total versiune A = 217.34  
Total versiune B = 270.94