











Designator [R12, R14, R15, R16, R17, R18, R41, R48, R49, 0, R51, R52, R53, R54, R55] [R11, R22, R52, R58, R54, R55] [R11, R22, R52, R56, R27, R28, R29, R31, R33, 15, R37, R43] [C44, G10, C11, C13, C15, C17, C18, C22, C23, 5, C28 [0, D13, D16, D17, D18, D19, D27, D29 [1, D12, D22, D23, D24, D25, D26, D28 [0, D7, D8, D9, D14, D15 [1, F82, F84, F86, F87, F89 [2, C19, C21, C26, C29 [K2, K3, K4 [2, C3, C3, K4] [2, C3, C3, C3, C3, C3, C3, C3, C3, C3, C4, C3, C4, C3] [2, R3, R44 [2, R3, R	Comment  10K  2K2  10OnF  SMAJT-5A  1N4148  SMAJ15A  1N4148  SMAJ15A  FBMJ3216HS800  1uF/25V  JS1-5V  BC817  3K3  4K75  249R  SW/10V  V/mA  100uF/6V3  470R  3n3/250V  22pF  10uF/6.3  CON3  CON6  1K  330R  4K7  BIAS  HCPL0800  10uF/6V3	Footprint  0603  0603  0603  SMA  1206  I 1206_DIODE  SMA  0603  1206  RELE-JS1  SOT23  0603  0603  0603  HDR1X2  HDR1X3  CAP-0605  0603  CAP-A  CLEMA5-5.08  0603  0603  0603  0603  CAP-A  CLEMA6-5.08  0603  0603  0603  0603  0603  0603  0603  0603  0603  0604  I 1210  CAP-200RP  SMB	LIDREF  RES1  RES1  CAPACITOR  TRANSIL_UNI_SMA  TS4148RX  TRANSIL_UNI_SMA  FERRITA_FBMJ3216HS  00  CAPACITOR  RELAY_SPDT  BC817  RES1  RES1  RES1  JUMPER2  JUMPER3  CAPACITOR POL  CAPACITOR  CAPACITOR POL  CAPACITOR  CAPACITOR POL  CAPACITOR  CAPACITOR POL  CAPACITOR  CAPACITOR POL  CAPAC
I, R11, R22, R25, R26, R27, R28, R29, R31, R33, I5, R37, R43 , C4, C10, C11, C13, C15, C17, C18, C22, C23, 6, C28  , D13, D14, D17, D18, D19, D27, D29  1, D12, D22, D23, D24, D25, D26, D28 , D7, D8, D9, D14, D15  1, FB2, FB4, FB6, FB7, FB9  2, C19, C21, C26, C29 , K2, K3, K4  , O3, Q4, Q5 , P,R21, R34, R45 , R20, R23, R38  , 0,R32, R36, R44 , S9, S12, S15 , S10, S13, S16 , C7, C8 , R9, R46 , C27 , C3 , C14 , J8 , J9 , J9 , R42 , R39 , R40 , S3 , U8 , U8 , U8 , U8 , U8	2V2 100nF SMAJ7.5A 1N4148 SMAJ15A 1N4148 SMAJ15A FBMJ3216HS800 1uF/25V JS1-5V BC817 3K3 4K75 249R 5V/110V V/mA 100uF/6V3 470R 3n3/250V 22pF 10uF/6.3 CON3 CON6 1K 3300R 4K7 BIAS HCPL0600 110uF/6V3 10nF/1000V 220uF/50V SZA TX,ROJO ROJO	0603 0603 SMA 1206_DIODE SMA 1206_DIODE SMA 0603 1206 RELE_JS1 SOT23 0603 0603 0603 HDR1V2 HDR1V2 HDR1V3 CAP-0605 0603 CAP-A CLEMA5-508 0603 0603 0603 0603 CAP-A SOURCHARD SOURCH SMB	RES1 CAPACITOR TRANSIL_UNI_SMA TS4148RX TRANSIL_UNI_SMA FERRITA_FBMJ3216HS 00 CAPACITOR RELAY-SPDT BC817 RES1 RES1 JUMPER2 JUMPER2 JUMPER3 CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL Diode 1N4001
C.4. CFI, D.C.11, CT3, CT5, CT7, CT8, C22, C23, 5, C28  0, D13, D16, D17, D18, D19, D27, D29  1, D12, D22, D23, D24, D25, D26, D28  D,7, D8, D9, D14, D15  1, FB2, FB4, FB6, FB7, FB9  2, C19, C21, C26, C29  K2, K3, K4  Q3, Q4, Q5  9, R21, R34, R45  9, R21, R34, R45  1, R30, R34, R34  8, S9, S12, S15  S10, S13, S16  C,7, C8  R9, R44  1, S9, S12, S15  S10, S13, S16  C,7, C8  R9, R46  6, C27  C3  C14  J8  J9  Q, R42  K39  R40  R40  S3  U8  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q	100nF SMAJ7.5A 1N4148 SMAJ15A 1N4148 SMAJ15A FBMJ3216HS800 1uF/25V JS1-5V BC817 3K3 4K75 249R 5V/10V V/mA 100uF/6V3 470R 3n3/250V 22pF 10uF/6.3 CON3 CON6 1K 3300R 4K7 BIAS HCPL0600 10uF/6V3 10nF/1000V 220uF/6V3 10nF/1000V 220uF/6V3 S2A TX,ROJO ROJO	0603 SMA 1206_DIODE SMA 0603 1206 RELE_JS1 SOT23 0603 0603 HDR1V2 HDR1V2 HDR1V3 CAP-0605 0603 CAP-A CLEMA5-5.08 0603 0603 CAP-A SOG3 CAP-A 1210 CAP-OG8 CAP-A	CAPACITOR TRANSIL_UNI_SMA TS4148RX TRANSIL_UNI_SMA FERRITA_FEMJ3216HS 00 CAPACITOR RELAY-SPDT BC817 RES1 RES1 JUMPER2 JUMPER3 CAPACITOR POL CAPACITOR POL Diode 1N4001
5, C28  1, D12, D22, D23, D24, D25, D26, D28  1, D12, D22, D23, D24, D25, D26, D28  1, D7, D8, D9, D14, D15  11, FB2, FB4, FB6, FB7, FB9  2, C19, C21, C26, C29  12, C36, C37  13, C4, C5  14, C33, C4, C5  15, C31, C31, C31, C31, C31, C31, C31, C31	SMAJ7-5A 11N4148 SMAJ15A FBMJ3216HS800 11\(\text{Int/25V}\) JS1-5V BC817 3K3 4K75 249R 5V/10V V/mA 10004F/6V3 470R 3n3/250V 22pF 1004F/63 CON3 CON6 1K 3300R 4K7 BIAS HCPL0800 1004F/8V3 10nF/1000V 2204F/50V S2A 10nF/1000V 2204F/50V S2A TX_ROJO ROJO	SMA 1206_DIODE SMA 0603 1206 RELE-JS1 SOT23 0603 0603 0603 HDR1X2 HDR1X2 HDR1X3 CAP-0605 0603 RADO.3 0603 CAP-A CLEMAS-5.08 CLEM6-5.08 0603 0603 0603 0603 0603 0603 1003 1000 1000	TRANSIL_UNI_SMA TS4148RX TS4148RX TS4148RX TS4148RX TS4148RX TS4148RX O  CAPACITOR RELAY-SPDT BC817 RES1 RES1 RES1 JUMPER2 JUMPER3 CAPACITOR POL CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CON8 RES1 RES1 RES1 RES1 LIMPER3 CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CON6 RES1 RES1 RES1 RES1 RES1 RES1 RES1 RES1
1, D12, D22, D23, D24, D25, D26, D28 , D7, D8, D9, D14, D15  1, FB2, FB4, FB6, FB7, FB9  2, C19, C21, C26, C29 , K2, K3, K4  , Q3, Q4, Q5 , R21, R34, R45 , R20, R23, R38  , R31, R34, R45 , R32, R38  , R32, R33, R38  , R34, R44  , S9, S12, S15 , S10, S13, S16 , C7, C8 , R9, R46  , C27 , C3 , C14 , J8 , J9 , R44 , R9, R46 , R39, R44 , R9, R46 , R40 , R31 , R40 , R33 , R44	1N4148 SMAJ15A FBMJ3216HS800 1uF/26V JS1-5V BC817 3K3 4K75 249R 5V/10V V/mA 100uF/6V3 470R 3n3/250V 22pF 10uF/6.3 CON8 CON6 1K 330R 4K7 BIAS HCPL0600 10uF/6V3 10uF/6V3 10uF/6V3 10uF/1000V 22ouF/50V SZA TX,ROJO ROJO	1206_DIODE SMA 0603 1206 RELE_JS1 SOT23 0603 0603 0603 0603 HDR1X2 HDR1X3 CAP-0605 0603 CAP-A CLEMAS-08 CLEMAS-08 0603 0603 0603 0603 0603 0603 0603 06	TS4148RX TRANSIL_UNI_SMA FERRITA_FBMJ3216HS 00 CAPACITOR RES1 RES1 RES1 JUMPER2 JUMPER3 CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL DIODE 1N4001
, D7, D8, D9, D14, D15  11, FB2, FB4, FB6, FB7, FB9  2, C19, C21, C26, C29  , K2, K3, K4  , 03, O4, O5  9, R21, R34, R45  , R20, R23, R38  0, R32, R36, R44  , S9, S12, S15  , S10, S13, S16  , C7, C8  , R9, R46  6, C27  , C3  , C14  , J8  , J9  0, R42  1, R39  0, R42  1, R39  1, R40  1,	SMAJ15A FBMJ3216HS800 1uF/2BV JS1-5V BC817 SK3 4K75 249R SV/10V V/mA 100uF/6V3 470R 3n3/250V 22pF 10uF/6.3 CON6 1K 330R 4K7 BIAS HCPL0600 10uF/6V3	SMA  0603  1206  RELE-JS1  SOT23  0603  0603  0603  HDR1X2  HDR1X3  CAP-0605  0603  CAP-A  CLEMAS-508  0603  0603  0603  CAP-A  SOGB  CAP-A  SOGB  CAP-A  CLEMAS-508  CAP-A  CLEMAS-508  CAP-A  CAR-CAP-CAP-CAP-CAP-CAP-CAP-CAP-CAP-CAP-CAP	TRANSIL_UNI_SMA FERRITA_FBMJ3216HS 00 CAPACITOR RELAY-SPDT 90C817 RES1 RES1 RES1 JUMPER2 JUMPER2 JUMPER3 CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL Diode 1N4001
1, FB2, FB4, FB6, FB7, FB9 2, C19, C21, C26, C29 ,K2, K3, K4 ,O3, C4, Q5 ,P21, R34, R45 ,R20, R23, R38 0, R32, R36, R44 ,S9, S12, S15 ,S10, S13, S16 ,C7, C8 ,R9, R46 ,6, C27 ,C3 ,C14 ,J8 ,J9 ,O, R42 ,R39 ,R40 ,R40 ,R30 ,R40 ,R40 ,R40 ,R40 ,R40 ,R40 ,R40 ,R4	FBMJ3216HS800 1uF/25V JS1-5V BC817 3K3 4K75 249R 5V/10V V/mA 100uF/6V3 470R 303/250V 22pF 10uF/63 CON3 CON6 1K 330R 4K7 BIAS HCPL0800 10uF/6V3 10uF/6V3 10uF/6V3 10uF/6V3 1X BIAS HCPL0800 10uF/6V3 10uF/	0603 1206 RELE-JS1 SOT23 0603 0603 0603 0603 HDR1X2 HDR1X2 HDR1X3 CAP-0605 0603 RAD0.3 0603 CAP-A CLEMA3-5.08 CLEMA6-5.08 0603 0603 0603 0603 0603 0603 0603 06	FERRITA_FBMJ3216HS 00 CAPACITOR RELAY_SPDT BC817 RES1 RES1 RES1 JUMPER3 CAPACITOR POL CAPACITOR CAPACITOR CAPACITOR CAPACITOR RES1 RES1 JUMPER3 CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CON8 CON6 RES1 RES1 RES1 RES1 CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL Diode 1N4001
2, C19, C21, C26, C29 KC, K3, K4 . (33, C4, Q5 . (9, R21, R34, R45 . R20, R23, R38 . (0, R32, R36, R44 . (31, R34, R45 . (31, R34, R44 . (31, R34, R44 . (31, R34, R34 . (31, R34 . (31, R34, R34 . (31, R3	1uF/25V JS1-5V BC817 3K3 4K75 249R 5W/10V V/mA 100uF/6V3 470R 3n3/250V 22pF 10uF/63 CON6 1K 330R 4K7 BIAS HCPL0800 10uF/6V3 10uF/6V3 10uF/6V3 10uF/6V3 ROJIO SZA TX_ROJIO ROJIO ROJI	1206 RELE-JS1 SOT23 0603 0603 0603 HDR1X2 HDR1X2 HDR1X3 CAP-0605 0603 RAD0.3 0603 CAP-A CLEMA3-5.08 CLEMA6-5.08 0603 0603 0603 0603 0603 0603 0603 06	00 CAPACITOR RELAY-SPDT BC817 RES1 RES1 RES1 JUMPER2 JUMPER3 CAPACITOR POL CAPACITOR CAPACITOR CONG RES1 RES1 JUMPER2 JUMPER3 CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CONG RES1 RES1 RES1 RES1 RES1 RES1 RES1 RES1
,K2, K3, K4 ,O3, O4, Q5 ,R21, R34, R45 ,R20, R23, R38 ,R32, R36, R44 ,S9, S12, S16 ,S10, S13, S16 ,C77, C8 ,R9, R46 ,6, C27 ,C3 ,C14 ,J8 ,J9 ,O, R42 ,R39 ,R40 ,R33 ,U8	JS1-5V BC817 SK3 4K75 249R 5V/10V V/mA 100uF/6V3 470R 3n3/250V 22pF 10uF/63 CON3 CON6 11K 3300R 4K7 BIAS HCPL06000 10uF/6V3 10nF/1000V 220uF/50V S2A TX_ROJO ROJO ROJO ROJO ROJO ROJO ROJO ROJO	RELE-JS1 SOT23 0603 0603 0603 HDR1X2 HDR1X2 HDR1X3 CAP-0605 0603 RAD0.3 0603 CAP-A CLEMA3-5.08 CLEM6-5.08 0603 0603 0603 0603 0603 0603 1000 1000	RELAY-SPDT BC817 RES1 RES1 RES1 JUMPER2 JUMPER3 CAPACITOR POL CAPACITOR CAPACITOR POL CON8 RES1 RES1 LIMPER3 CAPACITOR POL CON8 CAPACITOR POL CON6 RES1 RES1 RES1 RES1 CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL Diode 1N4001
.Q3, Q4, Q5 9, R21, R34, R45 1, R20, R23, R38 0, R32, R36, R44 .S9, S12, S15 .S10, S13, S16 .C7, C8 .R9, R46 6, C27 .C3 .C14 .J8 .J9 0, R42 .R39 .R40 .S33 .U8 00 4	BC817 3K3 4K75 249R 5V/10V V/mA 100uF/6V3 470R 3n3/250V 22pF 10uF/6.3 CON3 CON6 1K 3300R 4K7 BIAS HCPL0600 10uF/6V3 10nF/1000V 220uF/60V SZA TX_ROJO ROJO	SOT23 0603 0603 0603 HDR1X2 HDR1X2 HDR1X3 CAP-0605 0603 RAD0.3 0603 CAP-A CLEMA5-508 0603 0603 0603 0603 0603 0503 0603 0603	BC817 RES1 RES1 RES1 JUMPER2 JUMPER3 CAPACITOR POL RAPACITOR CAPACITOR POL CON3 CON6 RES1 RES1 JUMPER2 JUMPER3 CAPACITOR CAPACITOR CAPACITOR CAPACITOR POL CON3 CON6 RES1 RES1 JUMPER2 HCPL0600 CAPACITOR POL Diode 1N4001
9, R21, R34, R45 , R20, R23, R38  0, R32, R36, R44 , S9, S12, S15 , S10, S13, S16 , C7, C8 , R9, R46 , 6, C27 , C3 , C14 , J8 , J9 0, R42 , R39 , R40 , R39 , R40 , R30 , R40	9K3 4K75 4K75 249R 5V/10V V/mA 100uFi6V3 470R 3n3/250V 22pF 10uFi6.3 CON6 1K 330R 4K7 BIAS HCPL0600 10uFi6V3 10uFi6V3 300R 4K7 SIAS HCPL0600 10uFi6V3 S2A TX_ROJO ROJO	0603 0603 0603 HDR1V2 HDR1X3 CAP-0605 0603 RADD3 0603 CAP-A CLEMA5-08 CLEMA5-08 0603 0603 0603 0603 0603 0603 0603 06	RES1 RES1 RES1 JUMPER2 JUMPER3 CAPACITOR POL RES1 CAPACITOR CAPACITOR CAPACITOR POL CON3 COON8 RES1 RES1 RES1 RES1 RES1 RES1 CAPACITOR CAPACITOR POL CON3 COON8 RES1 RES1 RES1 CAPACITOR CAPACITOR CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL Diode 1N4001
. R20, R23, R38  . R30, R32, R36, R44  . S9, S12, S15  . S10, S13, S16  . C7, C8  . R9, R46  6, C27  . C3  . C14  . J8  . J9  . D, R42  . R39  . R40  . S3  . U8  . U8  . U8  . U8  . U8	4K75 249R 5V/10V V/mA 100uF/6V3 470R 3n3/250V 22pF 10uF/6.3 CON3 CON6 11K 3330R 4K7 BIAS HCPL06000 10uF/6V3 10nF/1000V 220uF/50V S2A TX_ROJO ROJO	0603 0603 0603 0603 CAP-0605 0603 CAP-A CLEMA3-5.08 CLEMA6-5.08 0603 0603 0603 0603 0603 0603 0603 06	RES1  RES1  JUMPER2  JUMPER3  CAPACITOR POL  CAPACITOR  CAPACITOR  CAPACITOR POL  CON3  CON6  RES1  RES1  RES1  RES1  HCPL0600  CAPACITOR POL  Diode 1N4001
10, R32, R36, R44 , S9, S12, S15 , S10, S13, S16 , C7, C8 , R9, R46 , C27 , C3 , C14 , J9 , J9 , O, R42 , R39 , R40 , S3 , LU8 , U8 , U8 , U8 , U8	249R 50/100 V/mA 100uF/6V3 470R 3n3/250V 22pF 10uF/63 CON3 CON6 11K 3300R 4K7 BIAS HCPL06000 10uF/6V3 10nF/1000V 220uF/50V S2A TX_ROJO ROJO	0603 HDR1V2 HDR1V3 CAP-0605 0603 RAD0.3 0603 CAP-A CLEMAS-5.08 0603 0603 0603 0603 0603 0603 0603 06	RES1 JUMPER2 JUMPER3 CAPACITOR POL RES1 CAPACITOR CAPACITOR CAPACITOR CONS CON6 RES1 RES1 RES1 RES1 RES1 RES1 RES1 CAPACITOR CAPACITOR POL Diode 1N4001
, S9, S12, S15 , S10, S13, S16 , C7, C8 , R9, R46 , C27 , C3 , C14 , J8 , J9 , O, R42 , R39 , R40 , S3 , UB	5V/10V  V/mA  100uF/6V3  470R  3n3/250V  22pF  10uF/6,3  CON8  CON6  1K  330R  4K7  BIAS  HCPL0600  10uF/6V3  10nF/1000V  220uF/60V  S2A  TX,ROJO  ROJO	HDR1X2 HDR1X3 CAP-0605 0603 RAD0.3 0603 CAP-A CLEMA5-508 CLEMA6-508 0603 0603 0603 0603 JMP-2-M SO-G8 CAP-A 1210 CAP200RP SMB	JUMPER2 JUMPER3 CAPACITOR POL RES1 CAPACITOR CAPACITOR POL CON3 CON6 RES1 RES1 JUMPER2 HCPL0600 CAPACITOR POL Diode 1N4001
,S10,S13,S16 ,C7,C8 ,R9,R46 ,6,C27 ,C3 ,C14 ,J8 ,J9 ,0,R42 ,R39 ,R40 ,S3 ,U8	V/mA 100uF/6V3 470R 3n3/250V 22pF 10uF/6.3 CON8 CON6 1K 3330R 4K7 BIAS HCPL0600 10uF/6V3 10nF/1000V 220uF/50V S2A TX_ROJO ROJO	HDR1X3 CAP-0605 0603 RAD0.3 0603 CAP-A CLEMAS-08 CLEMAS-08 0603 0603 0603 0603 0603 0603 JMP-2-M SO-G8 CAP-A 1210 CAP200RP SMB	JUMPER3 CAPACITOR POL RES1 CAPACITOR CAPACITOR CAPACITOR CON3 COON6 RES1 RES1 RES1 RES1 RES1 HCPL0600 CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL Diode 1N4001
, C7, C8 , R9, R46 , R9, R46 , C27 , C3 , C14 , J8 , J9 , J9 , D, R42 , R39 , R40 , S3 , UB , UB , UB	100uF/6V3 470R 9n3/250V 22pF 10uF/6.3 CON3 CON6 1K 330R 4K7 BIAS HCPL0600 10uF/6V3 10nF/1000V 220uF/50V S2A TX_ROJO ROJO	CAP-0605 0603 RAD0.3 0603 CAP-A CLEMA3-5.08 CLEMA6-5.08 0603 0603 0603 0603 SO-GB CAP-A 1210 CAP-2A 1210 CAP-2A SMB	CAPACITOR POL RES1 CAPACITOR CAPACITOR CAPACITOR CAPACITOR POL CONS RES1 RES1 RES1 HCPL0600 CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL CAPACITOR POL Diode 1N4001
R9,R46 6,C27 .C3 .C14 .J6 .J9 .D,R42 .R39 .R40 .S3 .U8 .U8	470R 3n3/250V 22pF 10uF/63 CON3 CON6 1K 3300R 4K7 BIAS HCPL08000 10uF/8V3 10nF/1000V 220uF/50V S2A TX_ROJO ROJO	0603 RAD0.3 0603 CAP-A CLEMA3-5.08 CLEMA6-5.08 0603 0603 0603 0603 SD-2-M SO-GB CAP-A 1210 CAP200RP SMB	RES1 CAPACITOR CAPACITOR CAPACITOR POL CON3 CON6 RES1 RES1 JUMPER2 HCPL0800 CAPACITOR POL CAPACITOR POL CAPACITOR POL DIODE IN4001
. C3 . C14 . J8 . J9 . O, R42 . R39 . R40 . S3 . UB	22pF 10uF/6.3 CON3 CON6 1K 330R 4K7 BIAS HCPL0800 10uF/6V3 10uF/6V3 10uF/7000V 220uF/50V S2A TX_ROJO ROJO	0603 CAP-A CLEMA-5-08 CLEMA-5-08 0603 0603 0603 0603 VMP-2-M SO-G8 CAP-A 1210 CAP200RP SMB	CAPACITOR CAPACITOR POL CON3 COON8 RES1 RES1 RES1 JUMPER2 HCPL0600 CAPACITOR POL CAPACITOR POL CAPACITOR POL Diode 1N4001
,C14 ,J8 ,J9 ,O,R42 ,R39 ,R40 ,S3 ,LUB ,O 4	10uF/6.3 CON3 CON6 IK 330R 4K7 BIAS HCPL0600 10uF/6V3 10nF/1000V 220uF/60V S2A TX_ROJO ROJO	CAP-A CLEMA3-5.08 CLEMA6-5.08 0603 0603 0603 SOGS CAP-A 1210 CAP2ORP SMB	CAPACITOR POL CONS CONS RES1 RES1 RES1 HUMPER2 HCPL0600 CAPACITOR POL CAPACITOR POL Diode 1N4001
J8 J9 O,R42 R39 R40 S3 UB O O O O O O O O O O O O O O O O O O	CON3 CON6 1K 330R 4K7 BIAS HCPL08000 100F/8V3 10nF/1000V 220xF/50V S2A TX_ROJO ROJO	CLEMA3-5.08 CLEMA6-5.08 0603 0603 0603 JMP-2-M SO-G8 CAP-A 1210 CAP200RP SMB	CON3 CON6 RES1 RES1 RES1 JUMPER2 HCPL0600 CAPACITOR POL CAPACITOR POL Diode 1N4001
J9 0, R42 1, R39 1, R40	CON6 1K 330R 4K7 BIAS HCPL0600 100F/6V3 10nF/1000V 220uF/50V S2A TX_ROJO ROJO	CLEMA6-5.08  0603  0603  JMP-2-M  SO-G8  CAP-A  1210  CAP200RP  SMB	CON6 RES1 RES1 RES1 JUMPER2 HCPL0600 CAPACITOR POL CAPACITOR POL CAPACITOR POL Diode 1N4001
0, R42 , R39 , R40 , S3 , UB 0 4	1K 330R 4K7 BIAS HOPL0600 10uF/6V3 10nF/1000V 220uF/60V 52A TX_ROJO ROJO	0603 0603 0603 0MP-2-M SO-G8 CAP-A 1210 CAP200RP SMB	RES1 RES1 JUMPER2 HCPL0600 CAPACITOR POL CAPACITOR POL Diode 1N4001
.R39 .R40 .S3 .U8 0 0 4	330R 4k7 BIAS HCPL0600 10uF/6/V3 10nF/1000V 220uF/56V SZA TX_ROJO ROJO	0603 0603 JMP-2-M SO-G8 CAP-A 1210 CAP200RP SMB	RES1 RES1 JUMPER2 HCPL0600 CAPACITOR POL CAPACITOR CAPACITOR POL Diode 1N4001
.R40 .S3 .U8 0 4	4K7 BIAS HCPL0800 10uF/8V3 10nF/1000V 220uF/50V S2A TX_ROJO ROJO	0603 JMP-2-M SO-G8 CAP-A 1210 CAP200RP SMB	RES1 JUMPER2 HCPL0600 CAPACITOR POL CAPACITOR CAPACITOR Diode 1N4001
.S3 .U8 0 4	BIAS HCPL0600 100F/6V3 100F/1000V 220uF/50V S2A TX_ROJO ROJO	JMP-2-M SO-G8 CAP-A 1210 CAP200RP SMB	JUMPER2 HCPL0600 CAPACITOR POL CAPACITOR CAPACITOR POL Diode 1N4001
, U8 0 4 4	HCPL0600 10uF/6V3 10nF/1000V 220uF/60V S2A TX_ROJO	SO-G8 CAP-A 1210 CAP200RP SMB	HCPL0600  CAPACITOR POL  CAPACITOR  CAPACITOR POL  Diode 1N4001
0 4 4	10uF/6V3 10nF/1000V 220uF/60V S2A TX_ROJO	CAP-A 1210 CAP200RP SMB	CAPACITOR POL CAPACITOR CAPACITOR POL Diode 1N4001
2.00	220uF/50V S2A TX_ROJO ROJO	CAP200RP SMB	CAPACITOR CAPACITOR POL Diode 1N4001
: :0	S2A TX_ROJO ROJO	SMB	Diode 1N4001
20	TX_ROJO ROJO		
0	ROJO	0603_LED	LED
			LED
1		0603_LED	LED
	VERDE	0603_LED	LED
i	RX_VERDE POWER	0603_LED 0603_LED	LED LED
•	SMAJ15CA	SMA	TRANSIL_BID_SMA
	1A/250V	FUSE1	FUSE1
1	IRM-05-5	IRM-05-XX	IRM-05-XX
=	EDM 12246UC900	1206	FERRITA_FBMJ3216HS 00
			FERRITA_2773021447
<u> </u>	_	32A N	ATmega8-16AI
1	OUT1	CLEMA2-5.08	CON2
2	OUT2	CLEMA2-5.08	CON2
3	OUT3	CLEMA2-5.08	CON2
4	OUT4	CLEMA2-5.08	CON2
6	RJ11 6/6	JACK FCC-68 6/6	CON6
			CON6
			CRYSTAL RES1
			RES1
	-		RES1
		0603	RES1
7	9.6J, 300VCA	RAD0.2	VARISTOR
	SW DIP-6	DPSW-6	SW DIP-6
3	+5V EN	HDR1X2	JUMPER2
4	DREADY ON	HDR1X2	JUMPER2
5	INTO ON	HDR1X2	JUMPER2
			JUMPER2
			JUMPER2
			78XX MCP120T-450I/TT
			IF0505RT-1W
	LM324AD		LM324AN
	A0515M-1W	NPSIP7_6mm	RB-XXXX-D
•	MCP4728-E/UN	MSOP-10	MCP4728-E/UN
,	MAX13487EESA+	SO-G8	MAX13487EESA+
	F0505M-1W	NPSIP4	NME0505S
		LIDDAYE	1
	CON5	HDR1X5	CON5
15 1 1 2 3 4 4 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		RM-05-5	RM-05-5   RM-05-XX   RM-05-XX   FBMJ3216HS800   1206   1206   1206   FERRITA_2773021447   FERRITA_2773021447   ATMEGAS28P-AU   32A_N   OUT1   OLEMA2-5.08   OUT2   OLEMA2-5.08   OUT3   OLEMA2-5.08   OUT4   OLEMA2-5.08   OUT4   OLEMA2-5.08   OUT4   OLEMA2-5.08   OUT5   OLEMA2-5.08   OUT5   OLEMA2-5.08   OUT5   OLEMA2-5.08   OUT6   OLEMA2-5.08   OUT6   OLEMA2-5.08   OUT7









