

















Comment PIN 3V	Description Battery 3VDC	Designator BT1, BT2	Footprint CR1220 SMD	LibRef PIN 3V	Quantity
	Cap 100uF/35V -				· ·
100uF/100V 5D330K 33V	470uF/16V 5D330K 33V	C1, C2 C3	CP1.5/3.4 CN2	CP3 CN	
104	Cap SMD, Capacitor	C4, C56, C57, C58, C59, C60, C62, C63	CAP_0603	CM_1, CapSMD	
47uF	Cap SMD	C5, C6	SM-1210	CM_1	
1uF	Cap SMD CAP CER 2.2UF 100V	C7, C8	CAP_0805	CM_1	
2.2uF/100V	X7R 1210 445-4498- 2-ND	C9. C10. C13	SM-1210	CM	
39pF	Cap SMD	C9, C10, C13 C11	SM-1210 CAP_0805	CM_1	
6900pF	Cap SMD	C12	CAP_0805	CM_1	
104 10uF/25V	Cap SMD	C14, C42, C44, C51 C15, C16	CAP_0805 CAP_0805	CM_1, CM CM_1	
10uF/16V	Cap SMD Cap SMD	C17, C18	CAP_0805	CM_1	
1uF	Cap SMD	C19, C30, C32, C35, C37, C38	C0603 SMT	см	
ior	Cap SMD	C20, C22, C24, C26,	C0003 3W1	CM	
104	Cap SMD	C28, C29, C46, C52, C53, C54, C55	C0603 SMT	СМ	11
10uF	Cap SMD	C21, C23, C25, C27	C0603 SMT	CM	-
22pF 10pF	Cap SMD Cap SMD	C31, C33, C45 C34, C36	C0603 SMT	CM CM	
470uF/6V3	Cap Aluminum	C39, C40	C_Alu_6.3x7.7	C-Alu-Tantalum	
100uF/16V	Cap Tantalum 7343	C41	C_7343_40	C-Alu-Tantalum	1
10nF 10uF	Cap SMD Cap SMD	C43 C47	CAP_0805 CAP_0805	CM CM	
NM	Cap SMD	C48, C49	C0603 SMT	CM	:
4.uF 10uF	Cap SMD Capacitor	C50 C61	SM-1210 CAP_0603	CM	
22pF	Capacitor	C64, C65	CAP_0603	CapSMD CapSMD	
100pF	Capacitor, Cap SMD	C66, C67	CAP_0805	CapSMD, CM	
COM 9 FMALE	COM 9 DIODE SCHOTTKY	COM1	DSB 9-F	DSB9F	1
B560C-13-F	60V 5A SMC DIODE SCHOTTKY	D1, D3	DO-214AB SMC	D5A	
B340-13-F	40V 3A SMC	D2	DO-214AB SMA	D1A	
PWR_12V	LED Single colour Green and Red	D4	LED-0805-Yellow	LED	-
	LED Single colour Green and Red	05	LED-0805-TelloW	LED	
PWR_4V	Green and Red LED 2 holder RGB				
LED3mm	3mm ZENER, SOT23,	D6, D7	LED 2 holder 3mm	LED2Holder_3mm DIODE-BAV99	-
DIODE-BAV99	LED Single colour	D8, D9, D12	SOT23		
GPS 1N5819	Green and Red Diode 1A	D10 D11	LED-0805-Red DO-214AB SMA	LED D1A_1	
	PTC RESET FUSE				
RKEF300HF-ND BLM21PG600SN1D	60V 3A RADIAL Ferrite Bead	F1 FB1	FUSE2 RES-SMD-0805	Fuse Ferrite Bead	-
BLM21PG600SN1D	Ferrite Bead	FB2, FB3, FB4	R0805	Ferrite Bead	
MAX232	Dual EIA-232 Driver/Receiver	IC1	MAX232DR	MAX232	-
	High Precision 1- Wire® Digital				
DS18820	Thermometer	IC2, IC3	TO92	DS18S20	
	Pin Vertical 2.54mm				
ST LINK	Pitch (Non-Boxed, Male)	11	CON 4P	Header4	
	imaicj		Antenna-MCX5.08-		
GPS_ANTENNA SIM MICRO PUSH		J2, J4 J3	HS MICROSIM_PUSH	ANTEN SIM MICRO PUSH	-
PWR	Header 4 (Green)	J5	Hed4V 3.96	Hed4	
NDM SEMPOR					
······································	Connector 4	J6	CON_2.54mm_4	Con4	
V_IN L	Connector 2 Inductor	J6 J7 L1		Con4 Con2	1
NPN_SENSOR V_IN L	Connector 2 Inductor FIXED IND 6.2UH	J7 L1	CON_2.54mm_4 CON_2.54mm_2 L2 UF9.8	Con4 Con2 L2x220	1
V_IN L 6.8uH	Connector 2 Inductor FIXED IND 6.2UH 5.7A 22.4 MOHM	17	CON_2.54mm_4 CON_2.54mm_2	Con4 Con2	1
V_IN L 6.8uH 47nH 100uH	Connector 2 Inductor FIXED IND 6.2UH	J7 L1 L2 L3 L4, L5, L6	CON_2.54mm_4 CON_2.54mm_2 L2 UF9.8 L01 SMD 12*12*6 RES-SMD-0805 R0805	Con4 Con2 L2x220 L1 L1 L1 Ferrite Bead	1
V_IN L 6.8uH 47nH 100uH	Connector 2 Inductor FIXED IND 6.2UH 5.7A 22.4 MOHM Inductor 100uH 0805	J7 L1 L2 L3 L4, L5, L6 LCD1	CON_2.54mm_4 CON_2.54mm_2 L2 UF9.8 L01 SMD 12*12*6 RES-SMD-0805	Con4 Con2 L2x220 L1	1
V_JN L 6.8uH 47nH 100uH OLED 1.3	Connector 2 Inductor FIXED IND 6.2UH 5.7A 22.4 MOHM Inductor 100uH 0805 LED Single colour Green and Red	J7 L1 L2 L3 L4, L5, L6 LCD1 LED1, LED2, LED3, LED4	CON_2.54mm_4 CON_2.54mm_2 L2 UF9.8 L01 SMD 12*12*6 RES-SMD-0805 R0805 CON_4P LED-0805-Green	Con4 Con2 L2x220 L1 L1 L1 Ferrite Bead OLED 1.3 LED	
V_JN L 6.8uH 47nH 100uH OLED 1.3	Connector 2 Inductor FIXED IND 6.2UH 5.7A 22.4 MOHM Inductor 100uH 0805	J7 L1 L2 L3 L4, L5, L6 LCD1 LED1, LED2, LED3, LED4 LS1	CON_2.54mm_4 CON_2.54mm_2 L2 UF9.8 L01 SMD 12*12*6 RES-SMD-0805 R0805 CON_4P LED-0805-Green SPEAKER	Con4 Con2 L2x220 L1 L1 Ferrite Bead OLED 1.3 LED Speaker	1
V_IN L 6.8uH 47nH 100uH 0UED 1.3 LED Speaker SIM800C	Connector 2 Inductor FIXED IND 6.2UH 5.7A 22.4 MOHM Inductor 100uH 0805 LED Single colour Green and Red Loudspeaker	J7 L1 L2 L3 L4, L5, L6 LCD1 LED1, LED2, LED3, LED4 LS1 M1 O1, O2, O3, O4, O5,	CON_254mm_4 CON_254mm_2 12 UP98 L01 SMD 12*12*6 RES-SMD-0805 R0805 CON_4P LED-0805-Green SPEAKER SIMBOOC	Con4 Con2 L1 L1 L1 Ferrite Bead OLED 1.3 LED Speaker SIM600C	
V_IN L 6.8uH 47nH 100uH 00ED 1.3 LED Speaker SM/800C C1815	Connector 2 Inductor FIXED IND 6-2UH 5.7A 22.4 MOHM Inductor 100uH 0805 LED Single colour Green and Red Loudspeaker NPN 600mW, ECB	J7 L1 L2 L3 L4, L5, L6 LCD1 LED1, LED2, LED3, LED4 LST M1 O1, O2, O3, O4, O5, O6, O7	CON_2.54mm_4 CON_2.54mm_2 L2 UF9.8 L01 SMD 12*12*6 RES-SMD-0805 R0805 CON_4P LED-0805-Green SPEAKER	Con4 Con2 L2x220 L1 L1 Ferrite Bead OLED 1.3 LED Speaker	
V_IN L 6.8uH 47nH 100uH 0LED 1.3 LED Speaker SIM800C C1815	Connector 2 Inductor FINED INIO 6 2UH S 7A 22.4 MOHM Inductor 1004H 0805 LEE Single colour Green and Red Loudspeaker NPN 600mW, ECB Resistor SMD Resistor SMD	17 L1 L2 L2 L4, L5, L6 LCD1 LED1, LED2, LED3, LED4 LST M1 OT, OZ, O3, O4, O5, O6, O7 R1, R3, R7, R69, R74 R2, R4	CON_254mm_4 CON_254mm_2 L2 UF98 L01 SMD 12*12*6 RES-SMD-0805 R0805 CON_4P LED-0805-Green SPEAKER SIM8002 SOT238 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805	Con4 Con2 L12x220 L1 L1 L1 Ferrite Bead OLED 1.3 LLD Speaker SIM800C C1815 RM RM	
V_IN L 6.8uH 47nH 100uH 0LED 1.3 LED Speaker SIMBOOC C1815	Connector 2 Inductor INSEC NIO A 2UH 5.7A. 22.4 MOHM Inductor 100uH 0805 LED Single colour Green and Red Louds peaker NPN 600mW, ECB Resister SMD	J7 L1 L2 L3 L4, L5, L6 LCD1 LED1, LED2, LED3, LED4 M1 O1, O2, O3, O4, O5, O6, O7 R1, R3, R7, R69, R74 R2, R4	CON_254mm_4 CON_254mm_2 L2 UF98 L01 SMD 12*12*6 RCS-SMD-0805 R0805 CON_4P LED-0805-Green SPEAKER SPEAK	Con4 Con2 L1x220 L1 L1 L1 Ferrite Bead OLED 1.3 LED Speaker SIMM800C C1815 RM	
V_IN L 6.8844 67mH 100uH 100uH 0UED 1.3 LED Speaker SIMBOOC C1815 10K 22K	Connector 2 Inductor FIXED INIO 6 2UH 5.7A 2.2.4 MOHM Inductor 100uH 0805 LED Single colour Green and Red Loudspeaker NPN 600mW, ECB Resistor SMD Resistor SMD Resistor SMD	J7 L1 L2 L3 L4, L5, L6 LCD1 LED1, LED2, LED3, LED4 L51 M1 O1, O2, O3, O4, O5, O6, O7 R1, R3, R7, R69, R74 R2, R4 R6, R13, R14, R15, R16, R17, R2, R16, R17, R2, R16, R17, R15, R16, R17, R15, R16, R17, R15, R16, R17, R15, R16, R17, R17, R15, R16, R17, R17, R17, R15, R16, R17, R17, R15, R16, R17, R17, R15, R16, R17, R17, R17, R17, R17, R17, R17, R17	CON 2.54mm,4 CON 2.54mm,4 CON 2.54mm,2 L01 SMD 12*12*6 RES.5MD.0805 R0005 CON,4P LED.0805-Green SPEAKER SIMBOOC SOT238 RES.5MD.0805 RES.5MD.0805 RES.5MD.0805	Con4 Con2 L12x220 L1 L3 L3 Ferrite Bead OKED 1.3 LED Speaker SM400C C1815 BM BM BM BM	
V_IN L 47nH 100uH 0LED 1.3 LED Speaker SM4800C CH1515 LOK 100K	Connector 2 Inductor FINED INIO 6 2UH S 7A 22.4 MOHM Inductor 1004H 0805 LEE Single colour Green and Red Loudspeaker NPN 600mW, ECB Resistor SMD Resistor SMD	17 L1 L2 L3 L4, L5, L6 LCD1 LCD1 LCD3 LED4, LED2, LED3, LED4 LST M1 Q1, Q2, Q3, Q4, Q5, Q6, Q7 R1, 83, R7, R69, R74 R2, R4 R5, R8, R9, R37, R38	CON_254mm_4 CON_254mm_2 L2 UF98 L01 SMD 12*12*6 RES-SMD-0805 R0805 CON_4P LED-0805-Green SPEAKER SIM8002 SOT238 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805	Con4 Con2 L12x220 L1 L1 L1 Ferrite Bead OLED 1.3 LLD Speaker SIM800C C1815 RM RM	
V, IN L 6.8 suH 47 rel 100 suH	Connector 2 valuation FRED IND 6.2UH 5.7A 2.2 4 MOHM Inductor 1004H 8895 LD Single colour Green and Red Loudspeaker NPN4 600mW, ECB Resistor SMD	17 13 14 15 14 15 16 16 16 17 16 17 16 17 16 17 16 17 16 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17	CON 2 S4mm, 4 CON 2 S4mm, 4 CON 2 S4mm, 2 12 UP98 L01 SMD 12*12*6 RES-SMD-0805 R005 CON 4P LED-0805-Green SWF AKER SM800C SOT 238 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805	Con4 Con2 L)2/20 L1 L1 L1 Ferrite Bead OLED 1.3 LED Speaker SIMBODC C1815 RM	
V,IN L 6.8uH 47riH 100uH 100uH 0LED 1.3 LED Speaker SM800C C1815 10K 12ZK 100K	Connector 2 Holustor FIRED NID 6 ZUH FIRED NID 6 ZUH FIRED NID 6 ZUH Holustor Holust	17 12 13 14 15, 16 15 16 15, 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	CON_254mm_4 CON_254mm_2 LUF9.8 LOT SMD 12*12*6 RES-SMD-0805 ROBOS CON_4P LED-0805-Green SPEAKER SMM800C SOT238 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805	Con4 Con2 L12/220 L1 L1 Ferrite Bead OLED 1.3 LED Speaker SMM600C C1815 RM RM RM RM	2 2 2 1
V, IN L 6.8 suH 47 rel 100 suH	Connector 2 Inductor FOCID NIO 6 2UH FOCID NIO 6 2UH FOCID NIO 6 2UH FOCID NIO 6 2UH Inductor	172 (12 (13 (14 (15 (16 (16 (16 (16 (16 (16 (16 (16 (16 (16	CON, 25 Mem. 4. CON, 25 Mem. 2. 12 UPS 8. (of \$MD 12*12*6. RSS SMD 0805 RSS SMD 0805 CON, 47 RSS SMD 0805 SOT 288 SMD 0805 RSS SMD 0805	Cond Cond 1,20220 1,31 1,31 Ferrite Boad OLED 1,3 Horrise Boad Boad Boad Boad Boad Boad Boad Boad	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
V, IN L 6.8 suH 47 rel 100 suH	Connector 2 Holustor FIRED NID 6 ZUH FIRED NID 6 ZUH FIRED NID 6 ZUH Holustor Holust	17	CON 2 S4mm, 4 CON 2 S4mm, 4 CON 2 S4mm, 2 12 UP98 L01 SMD 12*12*6 RES-SMD-0805 R005 CON 4P LED-0805-Green SWF AKER SM800C SOT 238 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805 RES-SMD-0805	Con4 Con2 L)2/20 L1 L1 L1 Ferrite Bead OLED 1.3 LED Speaker SIMBODC C1815 RM	11 11 11 11 11 11 11 11 11 11 11 11 11
V, IN L 6.8 suH 47 rel 100 suH	Connector 2 Inductor FOCID NIO 6 2UH FOCID NIO 6 2UH FOCID NIO 6 2UH FOCID NIO 6 2UH Inductor	172 122 123 124 125 125 126 125 126 125 126 125 126 127 127 127 127 127 127 127 127 127 127	CON, 25 Mem. 4. CON, 25 Mem. 2. 12 UPS 8. (of \$MD 12*12*6. RSS SMD 0805 RSS SMD 0805 CON, 47 RSS SMD 0805 SOT 288 SMD 0805 RSS SMD 0805	Cond Cond 1,20220 1,31 1,31 Ferrite Boad OLED 1,3 Horrise Boad Boad Boad Boad Boad Boad Boad Boad	11 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
V, IN L 6.8844 6.7764 6.7764 10004 10004 10004 10004 10004 10005 10004 10005 1000 1000	Connector 2 helicitor Phelicitor Phelicitor Phelicitor FRDD NR o 2-UH 4 3-N 2-4 M-Medi 4 M-Me	17	CON 2.54mm, 4. CON 2.54mm, 5. LO VIV. 2.54mm, 6. LO SMD 17172°6. SS SMD 0805.	Cond Cond L32220 L32220 L3 L3 L3 L3 L5 L5 Ferrite Bead CoLED 3.3 L4D Spender Solder 3.4 L5	11 11 11 11 11 11 11 11 11 11 11 11 11
V, IN L 6.8844 6.7764 6.7764 10004 10004 10004 10004 10004 10005 10004 10005 1000 1000	Connector 2 Pollution Pollution PADD NIO 2-10H 3-70 2-14 Model Pollution PADD NIO 2-10H 3-70 2-14 Model Pollution Po	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COX 2.5 kmm, 4. COX 3.5 kmm, 4. COX 3.5 kmm, 4. COX 3.5 kmm, 4. COX 3.5 kmm, 5. COX 3.5 kmm, 5. COX 3.5 kmm, 5. COX 3.5 kmm, 5. COX 4.0 kmm, 6. COX 4.0 kmm, 6	Cond Con2 Con2 Con2 Con2 Con3 Con3 Con3 Con3 Con3 Con3 Con3 Con3	11 11 11 11 11 11 11 11 11 11 11 11 11
V, JN L	Connector 2 Productor 2 Productor 2 Productor 6 PROD NIO 2-1194 S. N. 2-2 4 Model Productor 7 LOS 1000 LOS 2-2 4 Model Productor 7 LOS Seguine colors Connection 2000 Resolutor 2000 Resol	17 12 12 12 12 12 12 12 12 12 12 12 12 12	CON_254mm_4 CON_25	Const Const 13.2220 3.1 3.1 3.1 3.1 5.1 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	11
V, JN L	Connector 2 Pollution Pollution PADD NIO 2-10H 3-70 2-14 Model Pollution PADD NIO 2-10H 3-70 2-14 Model Pollution Po	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COX 2.5 kmm, 4. COX 3.5 kmm, 4. COX 3.5 kmm, 4. COX 3.5 kmm, 4. COX 3.5 kmm, 5. COX 3.5 kmm, 5. COX 3.5 kmm, 5. COX 3.5 kmm, 5. COX 4.0 kmm, 6. COX 4.0 kmm, 6	Cont	11
V_N L 6 ABM4	Connector 2 helicator 2 helicator 2 helicator 2 helicator 4 helicator 1 for 20 helicator 2	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COR 2.5 kmm, 4. COR 3.5 kmm, 4. COR 3.5 kmm, 4. COR 3.5 kmm, 5. COR 3.5 kmm, 6. COR 3.5 kmm, 6	Cont	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
V_NN 4 4 4 5 5 6 6 6	Connector 2 Policitor FRED IN D. A 2144 FA 22 A MANER FRED IN D. A 2144 FA 22 A MANER FRED IN D. A 2144 FA 24 A MANER FRED IN D. A 2144 FR	17 12 12 13 14 14 15 16 16 16 17 16	COS 2.5 kmm.4. COS 2.5 kmm.4. COS 3.5 kmm.4. LOS 3.4 kmm.4. LOS 3.	Cont Co	11 11 11 11 11 11 11 11 11 11 11 11 11
V_N L 6 ABM4	Connector 2 Productor 2 Productor 7 PROD NIO A 2114 S. N. 22 4 Model Productor 1 S. N. 22 4 Model Productor 1 S. N. 22 4 Model Productor 1 S. N. 22 4 Model S. S	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COR 2.5 Mem. 4. COR 3.5 Mem. 2. 12 UPS 8. 101 SMD 12*T2*6. 101 SMD 12*T2*6. 101 SMD 12*T2*6. 101 SMD 10*T2*6. 101 SMD 10*T2*6	Cont	11 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
V_N L 6.5041 6.	Connector 2 helders of persons of the persons of th	17 12 12 12 12 12 12 12 12 12 12 12 12 12	COR 2.5 Mem, 4. COR 3.5 Mem, 2. 12 UF 98 101 SMD 12*17*6 165 SMD 0105 16005 16	Const Const 120220 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
V_N L 4	Connector 2 Productor 2 Productor 7 PROD NIO A 2114 S. N. 22 4 Model Productor 1 S. N. 22 4 Model Productor 1 S. N. 22 4 Model Productor 1 S. N. 22 4 Model S. S	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COR 2.5 Mem. 4. COR 3.5 Mem. 2. 12 UPS 8. 101 SMD 12*T2*6. 101 SMD 12*T2*6. 101 SMD 12*T2*6. 101 SMD 10*T2*6. 101 SMD 10*T2*6	Cont Co	11 11 11 11 11 11 11 11 11 11 11 11 11
V, JN L	Connector 2 Policitor Patto No. 2-104 Patto No	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COS 2.5 Mem. 4. COS 2.5 Mem. 2. COS 2.5 Mem. 2. COS 2.5 Mem. 2. COS 3.5 Mem. 2. COS 3.5 Mem. 2. COS 3.5 Mem. 2. COS 4.0 Mem. 2	Const	11
V_N L 4. 6.044 4. 6.044 4. 7004 6. 6.041	Connector 2 inductor 2	17 12 12 12 12 12 12 12 12 12 12 12 12 12	CORJ. 2 SHIPM. 2 CORJ. 3	Cost Cost Cost Cost Cost Cost Cost Cost	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
V_N L 4. 0.044 4. 0.044 4. 0.044 6. 0.041	Connector 2 Holdson 2 Holdson 2 Holdson 2 Holdson PRED NIO 2 LIHE 4 A 10 2 4 M Holdson PRED NIO 2 LIHE 4 A 10 2 4 M Holdson 2 LIHE 4 A 10 2 4 M Holdson 2 LIHE 4 A 10 2 4 M Holdson 2 LIHE 4 M Holdson 2 M H	17 12 12 12 12 12 12 12 12 12 12 12 12 12	COS 2.5 Mem. 4. COS 3.5 Mem. 2. COS 3.5 Mem. 3. COS 3.5 Mem. 2. COS 3.5 Mem. 2. COS 3.5 Mem. 2. COS 3.5 Mem. 3. COS 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.	Const	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
V_N L 6.0044 6.0044 6.0041 6.	Connector 2 horizon de presidente 2 horizon de preside	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COS. 2.5 Mem. 4. COS. 2.5 Mem. 2. 12 UP 8. 141 SMD 12*17*6. 185 SMD 0805 180905	Cont Co	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
V_NN 1	Connector 2 houses of the productor 2 houses of the productor 2 houses of the productor 3 houses	17 12 12 12 12 12 12 12 12 12 12 12 12 12	COS 2.5 Mem. 4. COS 3.5 Mem. 2. COS 3.5 Mem. 3. COS 3.5 Mem. 2. COS 3.5 Mem. 2. COS 3.5 Mem. 2. COS 3.5 Mem. 3. COS 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.5 Mem. 3.5 Mem. 3.5 Mem. 2. COS 3.5 Mem. 3.	Const	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
V_N L 6.8044 6.8044 6.8044 6.8044 6.8044 6.8044 6.8046 6.8044 6.8046 6.	Connector 2 involution 2 involu	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COS. 2.5 kmm, 4. COS. 2.5 kmm, 4. COS. 2.5 kmm, 4. COS. 2.5 kmm, 4. COS. 2.5 kmm, 5. COS. 2.5 kmm, 6. COS. 2	Const Const Const 20220 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.	11 11 11 11 11 11 11 11 11 11 11 11 11
V_N L 1.0.044 1.0.044 1.0.041 1.0.0	Connector 2 - Productor 2 - Productor 2 -	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COR J. 2 Mem., 4 COR J. 3 Mem., 4 COR J.	Cont Co	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
V_N L 4. A. Bud4 4. A. Bud4 4. A. Bud4 6. A. Bud4 6. A. Bud4 6. A. Bud5 6. Beacher 8. Beacher 8. Beacher 8. Beacher 8. Beacher 10 K	Connector 2 houses or several process of the proces	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COS 2.5 Mem. 4. COS 2.5 Mem. 2. COS 2.5 Mem. 2	Cost Cost Cost Cost 2,2020 3,3 3,1 3,1 3,1 3,1 3,1 3,1 3,1 3,1 3,1	11 11 11 11 11 11 11 11 11 11 11 11 11
V_N L 4	Connector 2 Politicor Politicor Patto No. 2-194 Politicor Patto No. 2-194 Politicor Patto No. 2-194 Politicor Patto No. 2-194 Politicor	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COS 2.5 MEM. 2 COS 2.5 MEM. 2 COS 3.5 MEM. 2 COS 4.5 MEM. 2 COS 4.5 MEM. 2 COS 4.5 MEM. 2 COS 5.5 MEM. 2	Cont Co	11
V_N L 1.0.04	Connector 2 - Productor 2 - Productor 2 -	17 12 12 12 12 12 12 12 12 12 12 12 12 12	COS 2,2 Mem, 4. COS 2,3 Mem, 2. 12 UP 8. 13 SMD 12*17*6. 185 SMD 0809 180905.	Cont Co	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
V_N L 1.0.04	Connector 2 Politicor Politicor Patto No. 2-194 Politicor Patto No. 2-194 Politicor Patto No. 2-194 Politicor Patto No. 2-194 Politicor	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CORJ_254mm_4 CORJ_	Cont Co	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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