









Comment	Description cap aluminum 1000	Designator	Footprint	LibRef	Quantity
1000s Farada 20%	cap aluminum 1000 25vdc 20% 12.5 x 13.5mm amd 1100ma 5000	C1 C13	CAP-CAN-SMD-PO	2198	
	capacitor, case c, 10uf, 25v; application general	C2 C11 C12 C14	CAP-SMD-POL-		
10u Farada 20%	purpose;	C2, C11, C12, C14, C15, C16, C17, C19	5mmDia	2178	
		C3, C4, C5, C6, C8, C10, C20, C21, C22			
		C3, C4, C5, C6, C6, C10, C20, C21, C22 C23, C26, C27, C36 C29, C31, C32, C32 C34, C41, C42, C46 C46, C47, C48, C46 C50, C57, C58, C7			
tu Farada 10%	CAP CER 1.0UF 10 10% X5R 0503	C46, C47, C48, C46 C50, C57, C58, C7	SM/C_0603	2065	
	ceramic multilayer capacitor; capacitor				
22p Farada 10%	type:general cap 100ut 25vdc 20% 6.3 x 7.7mm amd 143ma 2000 fr	C7, CW	SMC_0003	2107	
100u Farada 20%	amd 143ma 2000 hr tir	C18, C24	CAP-SMD-POL- 5mmDia Y2-Caps-Epocs-1uf	2180	
1uff Farads 10%	YZ Caps 1uF Epocs	C25, C30	10%	2202	
	capacitor ceramic 1000pf, 50v, c0g, 0603; dielectric	C35, C36, C37, C36 C39, C40, C43, C44 C51, C52, C53, C54 C55, C56, C59, C60			
1000p Farads 1%		C55, C56, C59, C60 C7	SM/C_0603	2205	
33pF Farads 1%	ceramic multilayer capacitor; capacitor type:general	C7	SM/C_0603	2217	
	ceramic multilayer capacitor: capacitor				
47p Farads 1%		C7	SM/C_0603	2216	
330p Farada 1%	type:general capacitor ceramic SSOpf, 50v, c0g, 0603; delectric CONN RECEPT USB MINI-B RIA USB MINI-B RIA	C7	SM/C_0603	2212	
Mini B Socket RIA USB Type Per Spec	USB MINI-B RIA SPOS SMD header, vertical	CN1	MOLEX/54819-0579	289	
540455-2	USB MINI-B RIA SPOS SMD header, vertical, 0.1", Zway; connector type: wire to-board;	CON1 CON2 CON	M02-LockingHeader	2184	
01012012	jack bnc, right angle pcb; connector	CONT, CONE, CON	BNC-RightAngle- PCB-500hm-	2.00	
5227161-1	pcb; connector type bnc, coaxial; brass tin plate low profile 10 - 32 threa	CON4, CON5, CON	Semiration	2189	
1299	with arti	CON_L CON_N	LOW-PROFILE- SCREWTERMINAL	2177	
red 110V @ 100 milliam	CLEAR 0503 SMD FUSEHOLDER OPEN 5X20MM PC	D1, D2, D3, D4	WICKMANNIWA	2002	
Fast Blow	MNT CONN HEADER 6POS DUAL RIA	F1	1-ND	1045	<b>-</b>
Atmel ISP 2x3	EPOS DUAL RIA PCB rating:75v;	J1	FC1/75857/6	1838	ļ
22 ohms 1%	temperature coefficient resistor, 0603, 0.1w	R1, R2	SM/C_0603	2185	
TOk other ***	1%, 10k; resistance:10kphm:	R3, R16, R17, R19, 820, 832, 833, 843	RMIC nem	2165	1
ocom 1%	resistance RES 1.00K OHM 1/10W 1% 0903	R20, R32, R33, R42 R4, R5, R6, R8, R9, R11, R12, R21, R22 R23, R7		4.60	
1k Ohms 1%	SMD resistor, thick film, 30kohm, 100mw, 1%:	R23, R?	SM/C_0603	2043	<u> </u>
3k Ohms 1%	1%; resistance:30kphm;	R7, R18	SM/C_0603	2182	ļ
330 Ohma 1%	RES 330 OHM 1/10W 1% 0603 SMD	R10, R13, R14, R15	SM/C_0603	2070	
	res thick film 0603 0 ohm 1/10w molded				1
0 Ohms 0	amd punched carrie	R24, R29	SM/R_0603	2207	<u> </u>
30k Ohms 1%	passive component resistors resistance 500	R25, R27	SMR_2512	2203	
ED Ch 1"	resistance tolerance: s 0.1%;	834 830 CT	essen our-	****	1
⇒ onm 1%	single components passive components	rus, R30, R31	41C_0003		
150 ohms 1%	passive component resistors	P28	SMR_2512	2204	-
	res, thick film, 2.7mohm, 100mw, 1%;	R34, R35, R36, R31 B36, B30, B41, B41			
2.7M Ohm 1%		R34, R35, R36, R31 R38, R39, R40, R41 R43, R44, R45, R40 R47, R48, R49, R50	SMR_0603	2206	
1.5k Ohma 1%	resistor, rc22h 0603 1k5; power rating: 0.1w; resistor, rc22h 0603 470k; power	R?	SMR_0603	2226	
4.7k Ohma 1%	resistor, rc22h 0603 470k; power rating:0.1w;	R?	SM/R_0603	2227	
	res thick film 0603 4.99k ohm 1% 1/10 a100ppm/c smd				
4.95k Ohma 1%		R?	SMR_0603	2228	
5.19k Ohms 1%	res thick film 0503 5.19k ohm 1% 1/10 ±100ppm/c smd	R?	SMR_0603	2223	
	a 100ppm/°c amd res trick film 0603 7.5k ohm 1% 1/10w a 100ppm/°c molded	_			
/ dk Ohma 1%	amd res thick film 0603 8.87k ohm 1% 1/10 s100ppm/°c molded	HC?	DMR_0603	2234	1
8.87K Ohms 1%		R7	SM/C_0603	2229	
10k Ohms 1%	resistor, rc22h 0603 1k; power rating:0.1w; resistor, rc22h 0603	R?	SMR_0603	2225	
	resistor, rc22h 0603 12k; resistance:12kohm;				
12k Ohms 1%	12k; resistance:12kohm; resistance resistor, thick film, 15kohm, 100mw, 1%; resistance:15kohm;	R7	SM/R_0603	2220	
15k Ohms 1%	1%; resistance:15kohm; residence:15kohm;	R?	SMR_0603	2221	
20h Ohan ***	resistance: 15kohm; resistance: 15kohm; resistack film 0603 20k ohm 1% 1/10w 7100ppm/7c moldec ared	82	essen our-	****	1
AUX UNITS 1%	amd rea thick film 0603 300k ohm 1% 1/10v s100ppm/'c molded	P. C.		****	
30k Ohms 1%	amd	R?	SMR_0603	2215	ļ
33k Ohms 1%	resistor, rc22h 0603 33k; power rating:0.1w; res thick film 0603 49.9k ohm 1% 1/10 a 100ppm/*c molded	R?	SMR_0603	2219	
	res thick film 0603 49.9k ohm 1% 1/10 a 100ppm/°c molded	_			
eu Sk Ohms 1%		K/	Del/R_0603	2218	
	res thick film 0503				
115k Ohm 1%	res thick film 0503 1.15k ohm 1% 1/10 7100ppm/7c molder amd	R?	SM/R_0603	2210	
115k Ohm 1%	anny	R?	SMR_0603	2210	
115k Ohm 1% 160k Ohms 1%	res 160k ohm 1/10s 1% 0603 amd	R?	SMR_0603 SMR_0603	2210	
115k Ohm 1% 160k Ohms 1% 174k Ohms 1%	res 160k ohrn 1/10s 1% 0603 amd rc series 0603 0.1 w 174 kohrns 1% a100 ppm/°c amt thick file	R? R?	SMR_0603 SMR_0603	2210 2211 2213	
160k Ohms 1%	res 160k ohrn 1/10s 1% 0603 amd rc series 0603 0.1 w 174 kohrns 1% a100 ppm/°c amt thick file	R? R?		2210 2211 2213	
160k Ohms 1% 174k Ohms 1% 249k Ohms 1%	res 150k ohen 1/10u 11% 0603 and rc series 0503 0.1 w 174 kohens 11% a100 ppm/"c and thick file res thick film 0603 240k ohen 11% 1/10u 2100ppm/"c molder and	R7 R7 R7	SM/C_0603	2214	
160k Ohms 1% 174k Ohms 1% 249k Ohms 1% CKN9104CT-ND	res 150k ohen 1/10u 11% 0603 and rc series 0503 0.1 w 174 kohens 11% a100 ppm/"c and thick file res thick film 0603 240k ohen 11% 1/10u 2100ppm/"c molder and	R7 R7 R7 B1, S2 U1, U4, U3, U11,	SMIC_0603 MCM-SW TSSOP-16Lead-		
160k Ohms 1% 174k Ohms 1% 240k Ohms 1% CKN9104CT-ND MAXS482EUD+(50k	resus 560k ohen 1/10x 11% 6003 armd re series 0903 0.1 w 174 kohen 11% 10% 11% kohen 11% 10% 11% kohen 11% 10% 11% kohen 11% 10% 11% 11% 11% 11% 11% 11% 11% 11%	R7 R7 R7 81, 52 U1, U4, U9, U11,	SM/C_0603 MON-SW TSSOP-16Lead- MAXS48X	2214	
160k Ohms 1% 174k Ohms 1% 249k Ohms 1% CKN9104CT-ND	resus 500k ohm 1/10x 11% 0003 amd or series 0003 0.1 w 174 kebms 11% ab to 174 kebms 11% and		SMIC_0603 MCM-SW TSSOP-16Lead-	2214	
160k Ohms 1% 174k Ohms 1% 240k Ohms 1% CKN9104CT-ND MAXS482EUD+(50k	reas 550k ohen 5/10x 11% 0503 and 11% ohen 5/10 and 11% office 11% ohen 5/10 and 11% office		SM/C_0603 MON-SW TSSOP-16Lead- MAXS48X	2214	
150k Ohms 1%  174k Ohms 1%  246k Ohms 1%  CKN9104CT-ND  MAXS482EUD+(20  ATMEGA32U4-AU  DF206ST-G	reas 550k ohen 5/10x 11% 0503 and 11% ohen 5/10 and 11% office 11% ohen 5/10 and 11% office	U1, U4, U9, U11, U12	SM/C_0603 MOM-SW TSSOP-16Lead- MAXSEX TOFF99F1200X12X X120-44L BridgeRectifer-DFS TSOT-23-LTC6252-	2214 2128 2194 2175	
150k Chris 1% 176k Chris 1% 240k Chris 1% 240k Chris 1% CKN9104CT-ND MAXS42EUD+50s ATMEGA32U4-AU LT08252	rea 550k chm 1/10x 11x 150k chm 1/10x 150k chm 1/	U1, U4, U9, U11, U12 U2 U3	SMIC_0603 MOM-SW TSSOP-16Lead- MAXS4EX TOFF909*1200X12X X120-44L BridgeRecifier-DFS TSOT-224-T06252- Op/kmp	2214 2128 2194 2175	
150x Chres 15  174x Chres 15  240x Chres 15  240x Chres 15  CON9104CT-ND  MAXS42EUD+90s  ATMEGA32U4-4U  DF206ST-G  LT002S2  MAXS42EUD+90s  MAXS42EUD+90s  LT002S2  MAXS42EUD+90s  MAXS42EUD+90s  LT002S2  MAXS42EUD+90s	rea 550k chen 1/10x 11x 150k chen 1/10x 11x 150k chen 1/10x 11x 150k chen 1/10x 150k chen 1/10	U1, U4, U2, U11, U12  U2  U3  U5, U6	SMIC 0603 MOM-SW TSSOP-16Lead- MAXS48X TOFF90P1200X12X X120-44L BridgeRecifier-DFS TSOT-254-T06253- OpAmp TSSOP-16Lead- MAXS4EX	2214 2128 2194 2175	
150k Chris 15 174k Chris 15 249k Chris 15 249k Chris 15 CKN0104CT-ND MAXS452EUD+50 ATMEGA32U4-4U DF206ST-G LT06262	see 550k ohn 1/10x 15 cents and 15 kents 15 cents and 15 kents 15 cents 20	U1, U4, U9, U11, U12  U2  U3  U5, U5  U5, U5	SAMC 0603 MCM-SW TSSOP-16Lead- MAXS4EX TOFFP0P1200X120 X120-44L BridgeRectifer-DFS TSOT-23-LT0222- Op/amp TSSOP-16Lead- MAXS4EX LT0223-16Lead- LT0223-16Lead- LT0223-16Lead-	2214 2128 2194 2175	
150x Chres 15  174x Chres 15  240x Chres 15  240x Chres 15  CON9104CT-ND  MAXS42EUD+90s  ATMEGA32U4-4U  DF206ST-G  LT002S2  MAXS42EUD+90s  MAXS42EUD+90s  LT002S2  MAXS42EUD+90s  MAXS42EUD+90s  LT002S2  MAXS42EUD+90s	see 550k ohn 1/10x 15 cents and 15 kents 15 cents and 15 kents 15 cents 20	U1, U4, U9, U11, U12  U2  U3  U5, U5  U5, U5	SMIC 0603 MOM-SW TSSOP-16Lead- MAXS48X TOFF90P1200X12X X120-44L BridgeRecifier-DFS TSOT-254-T06253- OpAmp TSSOP-16Lead- MAXS4EX	2214 2128 2194 2175	
150k Chess 1%  176k Chess 1%  240k Chess 1%  240k Chess 1%  240k Chess 1%  240k Chess 1%  ATMEGASZUL-40  ATMEGASZUL-40  MAXSAEZELUD+(20  MAXSAEZELUD+(30  MAXSAEZELUD+(30  MAXSAEZELUD+(30  ADGSS6/MSRPBF ND	rea 950k ohn 1/10u rea 950k ohn 1/10u rea 950k ohn 1/10u rea 1/10u	U1, U4, U3, U11, U12  U2  U3  U5, U5  U5, U5  U5, U5	SMC 0603  MCM-599  TESCOP-16, each MODMAX  TESCOP-16,	2214 2128 2194 2175	
150x Chris 1% 174x Chris 1% 240x Chris 1% CXM0104CT-ND MAXS43EUD+150 ATMEGA32U4-AU LT05352 MAXS43EUD+150 LT05354 AD0336YRUZ AD0336YRUZ LM317EMPRNOPE	we 950k ohn 1/10x 1/20x	U1, U4, U3, U11, U12 U2 U3 U3 U3 U5 U5 U5 U5 U5 U5 U5 U7 U13, U7	SAIC 0603  MOM-SW  TISSOP-16 set- MOMS46X  TOFP609*1200K1X  TISSOP-16 set- MOMS46X  TOFP609*1200K1X  TISSOP-16 set- MOMS46X  MOMS	2214	
150k Chess 1%  176k Chess 1%  240k Chess 1%  240k Chess 1%  240k Chess 1%  240k Chess 1%  ATMEGASZUL-40  ATMEGASZUL-40  MAXSAEZELUD+(20  MAXSAEZELUD+(30  MAXSAEZELUD+(30  MAXSAEZELUD+(30  ADGSS6/MSRPBF ND	the SSDX of the SDX	U1, U4, U3, U11, U12  U2  U3  U5, U5  U5, U5  U5, U5	SAIC 0603  MOSA 5W  TISSOP 16, each MOSASX  TOPP00P1200X120  X120-441,  TOP100P1200X120  X120-441,  TISSOP 16, each MOSASX  LTGGSS-  TISSOP 16, each MOSASX  Anning Devices  Anning Devices  Anning Devices  Anning Devices  ANNING TOP100P130  ANNING TOP100P140  A	2214 2128 2194 2175	