



1 6	Comment	LibRef Motor	Designator B1, B2	Description Motor, General Kind	Footprint RB5-10.5	Supplier	Supplier Nr
	Battery	Battery	BT1 C1, C3, C5, C6, C7, C8, C9, C10, C11, C12, C13,	Multicell Battery	BAT-2		
			C1, C3, C5, C8, C7, C8, C9, C10, C11, C12, C13, C14, C22, C23, C24, C25, C26, C27, C28, C29, C30, C33, C35, C36, C37, C38, C39, C55, C62, C65, C66,				
36 1	100nF	100nF[[/\]]0603[[/\]]1	C33, C35, C36, C37, C38, C39, C55, C62, C65, C66, C67, C68, C69, C70, C71	Capacitor	RESC1608X06L	Famell	1288255
		4.7uF[[/\]]0603[[/\]]1,					
7	10uF	10uF[[/\]]0603[[/\]]	C2, C4, C32, C46, C51, C52, C72	Capacitor	RESC1608X06L	Famell	1463375, 9227784
7 4	4.7nF	CAP-NP	C15, C16, C17, C18, C19, C20, C21	Capacitor	CAPC1608N		
9 4	4.7uF	4.7uF[[/\]]0603[[/\]]1	C31, C40, C43, C44, C45, C47, C48, C49, C50	Capacitor	RESC1608X06L	Famell	9227784
1 1	10uF X5R	10uF[[/\]]0603[[/\]]	C34	Capacitor	RESC1608X06L	Famell	1463375
2 1	18pF	10pF[[/\]]0603[[/\]] 3	C41, C42		RESC1608X06L	Famell	8819815
2 1	1nF	100nF[[/\]]0603[[/\	C53, C54	Capacitor	RESC1608X06L	Famell	1288255
		Tur[[/\]]0803[[/\]]1					
3.	1uF	4.7uF[[/\]]0603[[/\]	C56, C61, C63	Capacitor	RESC1608X06L	Distrelec, Famell	823495, 9227784
		10nF[[/\]]0603[[/\]]					
111	1.5nF	1 10nF[[/\]]0603[[/\]]	C57	Capacitor	RESC1608X06L	Famell	9406182
		1, 470nF[[/\]]0603[[/\				Distrelec,	
3 4	47nF]]1 10hFII7/110603II7/11	C58, C59, C60	Capacitor	RESC1608X06L	Famell	823494, 9406182
	61pF	1	064	Capacitor	RESC1608X06L	Famell	9406182
	19-21SURC/S530-A3/TR8 BT5050RGBCT180	LED RGB SMD 2	D1, D3, D4, D5 D2, D6, D27, D38	SMD Red 0603 2V@20ma 56 mcd \$0.027/2000k	DIOC1608X08N LEDSMD5		
	27-21SURC/S530-A3	LED	D7, D9, D10, D11, D12, D17, D18, D25, D26, D32, D35, D36	SMD Red led right angle mount 2V@20ma			
				57mcd SMD Blue led right angle mount 3:3V@20ma	27-21 Everight		
	27-21/BHC-AN1P2/3C	LED	D8, D31, D37	28mcd LED standard - CMS Helios SMD Yellow 590nm	27-21 Everlight Blue	-	
	APTD 1608SYCK	LED	D13, D14, D15, D16, D21, D22, D23, D24	480mcd	DIOC1608X08N		
	WP7104SRC/D	LED	D19, D20	Red led 2V@20ma 57mcd LED standard - CMS Helios SMD Green 570nm	Led_TH_3mm_20mm		
	APTD 1608CGCK BAT54S	LED BAT54S	D28, D29, D30 D33, D34	230mcd Schottky Barrier Double Diode	DIOC1608X08N SOT23_N		
	BAT54S Speaker	Speaker	D33, D34 LS1	Schottky Barrier Double Diode Loudspeaker	PIN2		
	TD4015BPN	Micro1	MC1	Omnidirectional Back Electret Condenser Microphone	MICRO_PANASONIC_WM-64PN		
- 1			Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11,				
		1	Q12, Q13, Q14, Q15, Q16, Q17, Q18, Q19, Q20, Q21, Q22, Q23, Q24, Q25, Q26, Q27, Q28, Q29,			1	
46 F	BC817-40	BC817-40	Q30, Q31, Q32, Q33, Q34, Q35, Q36, Q37, Q38, Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46	NPN General-purpose Transistor	SOT23_N	1	
		4.7K[[/\]]0603[[/\]]	R1, R2, R57, R59, R61, R63, R64, R65, R67, R92, R93, R94, R103, R104, R111, R112, R113, R114,				
22 4	4.7K	1	R142, R144, R145, R146	Resistor	RESC1608X06L	Distrelec	715604
16 3		, RES	R100, R135, R147, R148, R149, R150	120, Resistor	RESC1608X06L	Distrelec	715632
2 2	2.7K	RES	R4, R6	Resistor	RESC1608X06L		
8 2	22K	, RES	R7, R8, R9, R10, R11, R42, R43, R130	120, Resistor	RESC1608X06L	Distrelec	715620
15 2	2.2K	2.2K[[/\]]0603[[/\]] 1, RES	R12, R13, R14, R15, R16, R32, R33, R34, R35, R41, R44, R45, R52, R53, R126	120, Resistor	RESC1608X06L	Distrelec	715596
	1.5K	RES	R17, R18, R19, R20, R26, R46, R47	120	RESC1608X06L		
8 1	1K	1K[[/\]]0603[[/\]]1, RES	R21, R22, R23, R24, R25, R48, R49, R108	120, Resistor	RESC1608X06L	Distrelec	715588
		8.2K[[/\]]0803[[/\]]					
		10K[[/\]]0603[[/\]]1					
		108117 110803117 113	R27, R28, R29, R30, R31, R50, R51, R101, R102,				
16 1		rord(), ()]ooood(), ()]2				Distrelec,	
	10K 6.2	10K[[/\]]0603[[/\]]2 , RES	R109, R110, R117, R118, R128, R129, R136 R36, R37, R38, R39, R40, R54, R55	120, Resistor 120	RESC1608X06L RESC1608X06L	Distrelec, Famell	715612, 9330399, 9331565
7 6	6.2	RES	R36, R37, R38, R39, R40, R54, R55 R56, R58, R60, R62, R74, R75, R76, R77, R78,	120	RESC1608X06L	Famell	
7 6 14 5	62	RES 68K[[/\]]0603[[/\]]1	R36, R37, R38, R39, R40, R54, R55 R56, R58, R80, R82, R74, R75, R76, R77, R78, R79, R80, R81, R90, R91 R86, R82, R83, R84, R85, R86, R87, R88, R89,	120 Resistor	RESC1608X06L RESC1608X06L	Famell Distrelec	715632
7 6 14 5 14 3	6.2 56 39	RES 68K[[/]]0603[[/]]1 68K[[/]]0603[[/]]1	R36, R37, R38, R39, R40, R54, R55 R58, R58, R80, R62, R74, R75, R76, R77, R78, R79, R80, R81, R90, R91 R60, R82, R83, R84, R89, R86, R87, R88, R89, R95, R96, R97, R133, R134	120 Resistor Resistor	RESC1608X06L RESC1608X06L RESC1608X06L	Famell	
7 6 14 5 14 3 2 1	6.2 56 39	RES 68K[[/\]]0603[[/\]]1	R39, R37, R39, R39, R40, R54, R55 R56, R58, R60, R62, R74, R75, R76, R77, R78, R79, R80, R81, R90, R91 R95, R80, R91, R90, R91 R95, R96, R97, R133, R134 R105, R106	120 Resistor Resistor Resistor	RESC1608X06L RESC1608X06L RESC1608X06N	Famell Distrelec Distrelec	715632 715632
7 6 14 5 14 3 2 1	6.2 56 39 100	RES 68K[[/]]0603[[/]]1 68K[[/]]0603[[/]]1 RES_ACORT	R26, R37, R38, R39, R40, R54, R55 R59, R58, R50, R50, R50, R57, R76, R77, R76, R79, R80, R81, R90, R91 R86, R62, R87, R153, R154 R86, R62, R97, R153, R154 R105, R106	120 Resistor Resistor	RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06N RESC1608X06N	Famell Distrelec	715632 715632 715570
7 6 14 5 14 3 2 1	6.2 56 39	RES 68K[[\]]0603[[\]]1 68K[[\]]0603[[\]]1 RES_ACORT 180R[[\]]0803[[\]]1 2 2K[[\]]0803[[\]]	R39, R37, R39, R39, R40, R54, R55 R56, R58, R60, R62, R74, R75, R76, R77, R78, R79, R80, R81, R90, R91 R95, R80, R91, R90, R91 R95, R96, R97, R133, R134 R105, R106	120 Resistor Resistor Resistor	RESC1608X06L RESC1608X06L RESC1608X06N	Famell Distrelec Distrelec	715632 715632
7 6 14 5 14 3 2 1	6.2 56 39 100	RES 68K[[\]]0603[[\]]1 RES_ACORT 180R[[\]]10803[[\]]1 2.2K[[\]]0603[[\]] 10K[[\]]0603[[\]]	R36, R37, R38, R39, R40, R54, R55 R56, R58, R50, R50, R52, R78, R79, R79, R79, R79, R79, R80, R81, R30, R91 R79, R80, R81, R30, R91 R80, R82, R83, R84, R89, R89, R87, R89, R89, R85, R96, R97, R133, R134 R105, R106 R107, R137	120 Resistor Resistor Resistor	RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06N RESC1608X06N	Famell Distrelec Distrelec	715632 715632 715570
7 6 14 5 14 3 2 1 2 1 2 5	6.2 56 39 100	RES 68K[[\\]]0603[[\\]]1 68K[[\\]]0603[[\\]]1 RES_ACORT 18UR[[\\]]0803[[\\]]1 1 10K[[\\]]0603[[\\]]1 10K[[\\]]0603[[\\]]1 10K[[\\]]0603[[\\]]1	R26, R37, R38, R39, R40, R54, R55 R59, R58, R50, R50, R50, R57, R76, R77, R76, R79, R80, R81, R90, R91 R86, R62, R87, R153, R154 R86, R62, R97, R153, R154 R105, R106	120 Resistor Resistor Resistor	RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06N RESC1608X06N	Famell Distrelec Distrelec	715632 715632 715570
7 6 14 5 14 3 2 1 2 1 2 5 10 10 1	62 56 39 100 180 5.6K	RES 68K[[\]]0603[[\]]1 RES_ACORT 180R[[\]]10803[[\]]1 2.2K[[\]]0603[[\]] 10K[[\]]0603[[\]]	EGG, ERZY, RIJB, ERGB, FABD, READ, READ, RESS FROM, ERGS, REGO, REGO, REGY, RITS, REY, REY, RYP, RYP, RYP, REGO, REGI, REGO, REGI REGO, REGZ, REGY, REGN, REGO, REGY, REGS, REGO, REJY, RIJS, REJS, REGS, REGO, REJS, RIJS, REGS, REGO, REJS, REGS, REGO, REJS, REGS, REGO, REJS, REGS, REGO, REJS, REG	120 Resistor Resistor Resistor Resistor Resistor	RESC1608X00L RESC1608X00L RESC1608X00L RESC1608X00L RESC1608X00L RESC1608X00L	Famell Distrelec Distrelec Distrelec Distrelec Distrelec	715552 715552 715570 715586
7 6 14 5 14 5 14 5 14 5 14 5 14 5 14 5 14	6.2 56 39 100 180 5.6K	RES 68K[[\\]]0603[[\\]]1 68K[[\\]]0603[[\\]]1 RES_ACORT 18UR[[\\]]0803[[\\]]1 1 10K[[\\]]0603[[\\]]1 10K[[\\]]0603[[\\]]1 10K[[\\]]0603[[\\]]1	TOS. BEZZ, PESS, TOSS, PAGO, PESA B. RES SES, RESS, REGO, REGO, PESA PESA PESA PESA REGO, RESS, PESA PESA PESA PESA PESA PESA REGO, REGO, REGO, REGO PESA PESA PESA PESA REGO, REGO PESA PESA PESA PESA PESA PESA REGO, REGO PESA PESA PESA PESA PESA PESA PESA PESA	120 Resistor Resistor Resistor Resistor Resistor	RESC1608K098. RESC1608K098. RESC1608K098. RESC1608K098. RESC1608K098. RESC1608K098. RESC1608K098.	Famell Distrelec Distrelec Distrelec Distrelec Distrelec Distrelec	715652 715670 715570 715596
7 6 14 5 14 5 14 5 14 5 14 5 14 5 14 5 14	82 55 55 55 55 55 55 55 55 55 55 55 55 55	RES 68K[[\(\)]]0603[[\(\)]]1 68K[[\(\)]]0603[[\(\)]]1 RES_ACORT 18URI[\(\)]]0603[[\(\)]]1 12 22K[\(\)]]0603[[\(\)]]1 10K[[\(\)]]0603[[\(\)]]1 10K[[\(\)]]0603[[\(\)]]1 10K[[\(\)]]0603[[\(\)]]1	TOS. BEZZ, PASI, PESIS, PASI, PESIS, PASI, PESIS, PASI, PASI	120 Resistor	RESC1008/W06.	Famell Distrelec	715632 715632 715570 715570 715596 715652 715652 715652
7 6 14 5 14 3 2 1 2 1 2 1 10 1 1 6 1 6	82 55 55 55 55 55 55 55 55 55 55 55 55 55	RES GERE[[\hat{\}]] DEGGS[[\hat{\}]] 1 GERE[[\hat{\}]] DEGGS[[\hat{\}]] 1 RES_ACORT TOURLY [[\hat{\}]] 1 TOUR[[\hat{\}]] DEGGS[[\hat{\}]] 1 ZERE[[\hat{\}]] DEGGS[[\hat{\}]] 1	EGG. RETZ, FEJR. SEGG. RAD. REAL RES FEG. RESS, REGO, REST, RES, REST, RES, RES, RES, RES, REGO, REST, RES, REST, RES,	120 Resistor	RESC1008/006.	Famell Distrelec Distrelec Distrelec Distrelec Distrelec Distrelec Distrelec	715632 715632 715570 715596 715962 715952 715652 715652
7 6 14 6 14 6 14 6 14 6 14 6 14 6 14 6 1	8.2 55 55 55 55 55 55 55 55 55 55 55 55 55	RES 68K[[\(\)]]0603[[\(\)]]1 68K[[\(\)]]0603[[\(\)]]1 RES_ACORT 18URI[\(\)]]0603[[\(\)]]1 12 22K[\(\)]]0603[[\(\)]]1 10K[[\(\)]]0603[[\(\)]]1 10K[[\(\)]]0603[[\(\)]]1 10K[[\(\)]]0603[[\(\)]]1	EGG RETZ, FRIJE REGIS, FROM REAL RESS REGIS, REGIS	S20 Resistor	RESC1608/098.	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7 c 14 5 14 5 14 5 14 5 14 5 14 5 14 5 14	82 55 55 56 56 56 56 56 56 56 56 56 56 56	RES	TOS. BEZZ, PESS, TOSS, PAGO, PESA, PESS, P	120 Resistor	RESC1000X00.	Famell Distrelec	715632 715632 715570 715596 715962 715952 715652 715652
7 c 14 5 14 5 14 5 14 5 14 5 14 5 14 5 14	8.2 55 55 55 55 55 55 55 55 55 55 55 55 55	RES GREGIA	EGG RETZ, FRIJE REGIS, FROM REAL RESS REGIS, REGIS	S20 Resistor	RESC1608/098.	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7 0 14 0 14 0 14 0 14 0 14 0 14 0 14 0 1	82 55 55 56 56 56 56 56 56 56 56 56 56 56	RES	TOS. BEZZ, PESS, TOSS, PAGO, PESA, PESS, P	120 Resistor	RESC1000X00.	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7 0 14 14 14 14 14 14 14 14 14 14 14 14 14	82 59 59 59 59 59 59 59 59 59 59 59 59 59	RES 684(I) [9604[()] 684(I) [9604[()] 684(I) [960	TOS. BEZZ, PESS, TOSS, PAGO, PESA, PESS, P	120 Residor ATTC 10K GH4 1% G42 MG-SSD Card connector 5190008-X44 R Salch	RESC1008/006.	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7 0 14 14 14 14 14 14 14 14 14 14 14 14 14	8.2 55 55 55 55 55 55 55 55 55 55 55 55 55	RES 684(I/) [9604[(/)] [1	200. E127, PISIR 1709, PAGN PERA H 255 RSS, RSS, RSS, RSS, RSS, RSS, RSS, RSS	120 Resistor	RESC1008/006.	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7 0 14 14 14 14 14 14 14 14 14 14 14 14 14	82 66 69 99 99 99 99 99 99 99 99 99 99 99	RES 688([1/1]) [690] [1/1] [1/1] 688([1/1]) [690] [1/1] 788(S.ACORT 1990) [1/1	TOS. R17, PSS, TOS. R40, R54, R55 R56, R56, R56, R56, R56, R56, R56, R56,	Resistor Res	RESCHOOKINGE, RE	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	82 59 59 59 59 59 59 59 59 59 59 59 59 59	RES OBRE[I/n]DROOS[I/n] #1 OBRE[I/n]DROOS[I/n] #1 RES_ACCIET THE SECTION PRODUCTION TO THE SECTIO	ROS, RETZ, ROS, ROS, RAO, REAL RASS ROS, RESS, ROS, ROS, ROS, RAO, REAL RASS ROS, RESS, ROS, ROS, ROS, ROS, ROS, ROS, ROS, R	120 Resistor	RESCHORMORE RESCHO	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7 6 6 7 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8	82 2 56 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	RES GREGITA	ROS, BEZT, PRIS, TESS, RAQ, REAL RESS ROS, RESS, REGU, REGY, REST, REST, RESS, RES, REGY, RES, REGY, REST, REST, REST, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS, RESS	120 Resistor	RESC1008/00E.	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7 9 14 0 14 14 14 14 14 14 14 14 14 14 14 14 14	8.2 55 55 55 55 55 55 55 55 55 55 55 55 55	RES OBERTIN [DRODE(IN.) 19 OBERTIN [DRODE(IN.) 19 RES ACCIST TORKIN [DRODE(IN.) 11 TOR	EQS. BEZT, PRIJS. PESS, PAGO, PESA P. RES. PESS, RESS, PESS, PESS	Resistor Res	RESC1608/096. RESC1005/096. RESC10	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7 6 14 2 14 14 14 14 14 14 14 14 14 14 14 14 14	82 86 99 99 90 90 90 90 90 90 90 90 90 90 90	RES GREEN	ROS, RET, PRIS, RESP, RAQ, REAL RES RES, RESS, RES, RES, RES, RES, RES, RES,	20 Resistor	RESC1008/006.	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7 6 6 6 7 7 6 6 7 7 7 7 7 7 7 7 7 7 7 7	8.2 59 59 59 59 59 59 59 59 59 59 59 59 59	RES GONG CONTROL CON	TOUR FILTY, TRUS, TEUR, PAGE, TRUS, ARSS TRUS, RESS,	Resistor Res	RESC1008/096. RESC10	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	82 2 56 56 57 57 57 57 57 57 57 57 57 57 57 57 57	RES GREGIN 1900 10	ROS, RET, PRIS, RESS, RAQ, REAL RESS RESS,	Resistor Res	RESCHOOKINGE, RE	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	8.2 55 55 55 55 55 55 55 55 55 55 55 55 55	RES GREAT	ROS, RETZ, RESS, RESS, REGS, REGS, RESS, R	Resistor Res	RESC1008/096. RESC10	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	82 2 56 56 57 57 57 57 57 57 57 57 57 57 57 57 57	RES GREGIN 1900 10	ROS, RETZ, RESS, RESS, REGS, REGS, RESS, R	Resistor Res	RESCHOOKINGE, RE	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	82 80 80 99 90 90 90 90 90 90 90 90 90 90 90 90	RES GREGIN 190001(1) 1 1 1 1 1 1 1 1 1	ROS, RET, PRIS, RES, RAQ, REAL RES RES, RESS, RES, RES, RES, RES, RES, RES,	Resistor Res	RESCHOOKINGE, RE	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	82 86 99 99 90 90 90 90 90 90 90 90 90 90 90	RES GREGIN 1900 1	ROS, RETZ, ROS, ROS, RAQ, REAL RES ROS, RESS, ROS, ROS, RAQ, REAL RES RES, ROS, ROS, ROS, ROS, ROS, ROS, ROS, RES, ROS, ROS, ROS, ROS, RES, ROS, ROS, ROS, RES, ROS, RES, ROS, RES, ROS, RES, ROS, RES, ROS, RES, RES	Resistor Res	RESCHORMORE RESCHO	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	82 2 59 39 39 39 39 39 39 39 39 39 39 39 39 39	RES 688([I/])B0003[(I/)]* 688([I/])B0003[(I/)]* 689,ACORT 188([I/])B0003[(I/)]* 689,ACORT 188([I/])B0003[(I/)]* 1000[[I/])B0003[(I/)]* 1000[[I/]]B0003[[I/]]* 10	ROS. RET. PRIS. TEUR. PROJ. PRIS. RES. PROJ. PRIS. RES. PRIS. RES. RES. PRIS. RES. RES. PRIS. PRIS. RES. PRIS. PRIS. RES. PRIS. PRIS	Reaction Rea	RESC1008/006. RESC10	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	82 2 59 59 59 59 59 59 59 59 59 59 59 59 59	RES 688([I/1]9003([I/1])* 688([I/1]9003([I/1])* 685([I/1]9003([I/1])* 685([I/1]9003([I/1	ROS, RET, PRIS, RES, RAQ, REAL RES RES, RESD, RES, RES, RES, RES, RES, RES, RES, RES	Resistor Res	RESC1008/096. RE	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	82 2 59 39 39 39 39 39 39 39 39 39 39 39 39 39	RES 688([I/])B0003[(I/)]* 688([I/])B0003[(I/)]* 689,ACORT 188([I/])B0003[(I/)]* 689,ACORT 188([I/])B0003[(I/)]* 1000[[I/])B0003[(I/)]* 1000[[I/]]B0003[[I/]]* 10	ROS. RET. PRIS. TEUR. PROJ. PRIS. RES. PROJ. PRIS. RES. PRIS. RES. RES. PRIS. RES. RES. PRIS. PRIS. RES. PRIS. PRIS. RES. PRIS. PRIS	Resistor Res	RESC1008/006. RESC10	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	82 2 59 59 59 59 59 59 59 59 59 59 59 59 59	RES 688([I/1]9003([I/1])* 688([I/1]9003([I/1])* 685([I/1]9003([I/1])* 685([I/1]9003([I/1	ROS, RET, PRIS, RES, RAQ, REAL RES RES, RESD, RES, RES, RES, RES, RES, RES, RES, RES	Resistor Res	RESC1008/096. RE	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	82 2 56 56 57 57 57 57 57 57 57 57 57 57 57 57 57	RES GOOGLE 1 1 1 1 1 1 1 1 1	ROS, RET, PRIS, RES, RAQ, REAL RES RES, RESS, RES, RES, RES, RES, RES, RES,	Reador Re	RESCHOOKINGE, RE	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	82 86 87 87 87 87 87 87 87 87 87 87 87 87 87	RES	ROS, RET, PRIS, RES, RAQ, REAL RES RES, RESS, RES, RES, RES, RES, RES, RES,	Resistor Res	RESCHOOKINGE, RE	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7	82 59 59 59 59 59 59 59 59 59 59 59 59 59	RES 688([I/][0003[(A)]* 688([I/][0003[(A)]* 688([I/][0003[(A)]* 688(A)(I/)[0003[(A)]* 688(A)(I/)[0003[(A)]* 688(A)(I/)[0003[(A)]* 1000([I/)[0003[(A)]* 1000([I/][0003[(A)]* 1000(TOS. RET. PRIS. TOS. RAD. REAL RES. SESS. RES. REG. REG. REG. REG. REG. REG. REG. REG	Resistor Res	RESC1008/00E. RESC10	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620
7 7 14 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	82 86 87 87 87 87 87 87 87 87 87 87 87 87 87	RES	ROS, RET, PRIS, RES, RAQ, REAL RES RES, RESS, RES, RES, RES, RES, RES, RES,	Resistor Res	RESCHOOKINGE, RE	Fameli Distrelec Distrelec	715632 715632 715570 715596 715952 715612 715612 715612 715620

Quantity 1	Comment 100	LibRef RES_ACO RT	Designator R105	Description Resistance	Footprint RESC1608X06N	Supplier	Supplier Nr	Layer
		1uF[[/\]]06	063	Capacitor	RESC1608X06L	Distrele c	823495	Bottom
1		RES HC49/4H_	R38	120 Surface Mount Quartz	RESC1608X06L			Bottom
1			YI	Crystal 8Mhz 300mA, Low Quiescent	HC49/4H_SMX			Bottom
1	AP131-33WGCT-ND	AP7331	U26	Current, Fast Transient LDO 1 MHz, 85 µA Quad Op	SOT95P285X100-5N			Bottom
		MCP6L04		Amp, 14-Pin TSSOP, Extended Temperature				
		T-E/ST 4.7K[[/\]]0 603[[/\]]1	U4 R1, R2, R57, R59, R61, R63, R64, R65, R111, R112, R113, R114	Range, Tape and Reel Resistor	TSSOP-ST14_N RESC1608X06L	Distrele	715604	Bottom
12		100nF[[/\]]	(1,112,107,109,107,100,107,100,111,1112,1110,1117	Tresision	NEGO 1000X00E		713004	Bottom
	100nF	0603[[/\]]1	C5, C7, C8, C9, C14, C22, C25, C26, C28, C30, C55, C68, C69, C70, C71	Capacitor NPN General-purpose	RESC1608X06L	Famell	1288255	Bottom
18		BC817-40 10pF[[/\]]0	Q1, Q2, Q3, Q4, Q7, Q12, Q19, Q20, Q21, Q22, Q23, Q24, Q25, Q26, Q27, Q28, Q29, Q30	Transistor	SOT23_N			Bottom
	18pF	603[[/\]]3	C41, C42 R4, R6	Resistor	RESC1608X06L RESC1608X06L	Famell	8819815	Bottom Bottom
		4.7uF[[/\]]						
	4.7uF	0603[[/\]]1 LED RGB		Capacitor	RESC1608X06L	Famell	9227784	Bottom
2	ITR9909	ITR9909	D2, D6 U2, U3	\$0.027/2000k Everlight Opto Interrupter	LEDSMD5 ITR9909_LONG			Bottom
2			D19, D20	Red led 2V@20ma 57mcd	Led_TH_3mm_20mm			Bottom
		4.7uF[[/\]] 0603[[/\]]1						
3	10uF	, 10uF[[/\]]0 603[[/\]]1	C51, C52, C72	Capacitor	RESC1608X06L	Famell	1463375, 9227784	Bottom
		MC74HC5		8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-				
	MC74HC595ADTR2	95ADTR2	U13, U15, U17 R17, R18, R19, R20	State Outputs	948F-01_N RESC1608X06L			Bottom
			R21, R22, R23, R24	120	RESC1608X06L			Bottom
4		RES DMG1012	R7, R8, R9, R10	120 Transistor MOSFET 1 x N,	RESC1608X06L			Bottom
	DMG1012T	T DMG1013	T5, T6, T7, T8	Pining : 1=G, 2=S, 3=D Transistor MOSFET 1 x P	SOT50P160X80-3N			Bottom
4	DMG1013T		T1, T2, T3, T4	Pining : 1=G, 2=S, 3=D	SOT50P160X80-3N	Dietrole		Bottom
6		100K[[/\]] 0603[[/\]]1 68K[[/\]]0	R119, R120, R121, R122, R123, R124	Resistor	RESC1608X06L	Distrele c Distrele	715636	Bottom
	56	603[[/\]]1	R74, R75, R76, R77, R90, R91 C15, C16, C17, C18, C19, C20, C21	Resistor Capacitor	RESC1608X06L CAPC1608N	c	715632	Bottom
		10K[[/\]]0 603[[/\]]2,	0.0, 0.1, 0.1, 0.0, 0.0, 0.0, 0.0	Сарабло	W # 0100011			Doublin
8	10K	RES 2.2K[[/\]]0	R27, R28, R29, R30, R31, R50, R51, R136	120, Resistor	RESC1608X06L	Famell	9330399	Bottom
	2.2K		R12, R13, R14, R15, R16, R33, R44, R45	120, Resistor	RESC1608X06L	Distrele c	715596	Bottom
		68K[[/\]]0	R3, R5, R68, R69, R70, R71, R72, R73 R82, R83, R84, R85, R95, R96, R97, R133	120, Resistor Resistor	RESC1608X06L RESC1608X06L	Distrele	715632	Bottom
	27-21SURC/S530-		D9, D10, D11, D12, D17, D18, D25, D26, D35	SMD Red led right angle mount 2V@20ma 57mcd	27-21 Everlight		713032	Bottom
		10nF[[/\]]0						
1		RES_ACO	C57 R106	Capacitor Resistance	RESC1608X06L RESC1608X06N	Famell	9406182	Тор
		R1 10uF[[/\]]0	NIO	1 VOSISIAI IUU	NESC IOUOXUON			Тор
1	10uF X5R	603[[/\]]1	C34	Capacitor	RESC1608X06L	Famell	1463375	Тор
1	270K	270K[[/\]] 0603[[/\]]2	R140	Resistor	RESC1608X06L	Famell	9330941	Тор
1	47K	22K[[/\]]0 603[[/\]]1	R132	Resistor	RESC1608X06L	Distrele c	715620	Тор
1	51pF		084	Capacitor	RESC1608X06L	Famell	9406182	Тор
		10K[[/\]]0	R127	Resistor	RESC1608X06L	Distrele c	715612	Тор
1	680K	470K[[/\]] 0603[[/\]]1	R125	Resistor	RESC1608X06L	Distrele c	715652	Тор
1	820	22K[[/\]]0	R131	Resistor	RESC1608X06L	Distrele c	715620	Тор
	Alstron R3190005-	USB_MINI	X3	USB connector Micro B	Astron 3190005-x21-r			Тор
4	AP131-33WGCT-ND	AP7331	U18	300mA, Low Quiescent Current, Fast Transient LDO	SOT95P285X100-5N			Тор
1	Battery	Battery	BT1	Multicell Battery	BAT-2			Тор
			X2 U23	1 x 6 pins connector USB/ Charger and Over	MHDR1X6			Тор
1		TSOP322		Voltage Detection Device IR Receiver Module (36 kHz) for Remote Control	MLP 1.45x1mm			Тор
1		36	U20	Systems 350mW Audio Power	IR-receiver			Тор
1	LM4819M	LM4819M	U25	Amplifier with Shutdown Mode 1 MHz, 85 µA Quad Op	M08A_N			Тор
		MCP6L04		1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature				
1			US Control of the Con	Range, Tape and Reel Stand-Alone System Load	TSSOP-ST14_N			Тор
				Sharing and Li-lon/Li- Polymer Battery Charge Management Controller,				
	MCP73871-2AAI/ML	MCP7387 1-2AAI/ML	U21	Management Controller, 4.2V, 20-Pin QFN, Industrial Temperature	QFN-ML20 N			Тор

1	MCP6L04T-E/ST	T-E/ST	U5	Range, Tape and Reel	TSSOP-ST14_N			Тор
	MUPOLU41-E-01	1-E/ 01	U5	Stand-Alone System Load	1550P-01 I#_I4			ТОР
				Sharing and Li-lon/Li- Polymer Battery Charge				
		MCP7387		Management Controller, 4.2V, 20-Pin QFN,				
1	MCP73871-2AAI/ML	1-2AAI/ML	U21	Industrial Temperature	QFN-ML20_N			Тор
		SD-Card-						
		Micro- ASLTRON						
١ ,	MicroSD-Astron	5190008-	S1	MicroSD Card connector 5190008-XA4-R	Astron 5190008-XA4-R			Ton
<u> </u>		XA4-R	S1	MMA7660FC: XYZ-AXIS				Тор
1		MMA7660 FC	U1	ACCELEROMETER ±1.5	DFN50P300X300X100- 12N			Тор
 	NCP15XH103F03R	Res		Thermistors - NTC 10K				i i
	С	Thermal	RT1	OHM 1% 0402 General Purpose 16-Bit	RESC1005X04L			Тор
				Flash Microcontroller with USB On-The-Go, 128KB				
		PIC24FJ12		Flash, 16KB SRAM, 64-Pin				
1		8GB106- I/PT	U19	TQFP, Industrial Temperature	TQFP-PT64_N			Тор
1		Speaker	LS1	Loudspeaker	PIN2			Тор
1		SW-PB	S2	Switch	FSMRA2JH			Тор
				Omnidirectional Back Electret Condenser	MICRO_PANASONIC_			
1		Micro1	MC1	Microphone	WM-64PN			Тор
10	4.7K	4.7K[[/\]]0 603[[/\]]1	R67, R92, R93, R94, R103, R104, R142, R144, R145, R146	Resistor	RESC1608X06L	Distrele c	715604	Тор
		180R[[/\]]				Distrele		
2	180	0603[[/\]]1	R107, R137	Resistor	RESC1608X06L	C	715570	Тор
		100nF[[/\]]						
2	1nF	0603[[/\]]1	C53, C54	Capacitor	RESC1608X06L	Famell	1288255	Тор
	Γ	1uF[[/\]]06		Γ	Γ			T
		03[[/\]]1, 4.7uF[[/\]]				Distrele c		
2	1uF	0603[[/\]]1	C56, C61	Capacitor	RESC1608X06L	c, Famell	823495, 9227784	Тор
,		2.2K[[/\]]0 603[[/\]]1	R115, R116	Resistor	RESC1608X06L	Distrele c	715596	Тор
-	5.66	profficial	K115, K116	300mA, Low Quiescent	RESU TOUGNUUL	C	/15590	ТОР
Ι,	AP7331-33WG-7	AP7331	U22, U24	Current, Fast Transient LDO	SOT95P285X100-5N			Тор
				Schottky Barrier Double				
2	BAT54S	BAT54S LED RGB	D33, D34	Diode	SOT23_N			Тор
2	BT5050RGBC-T180	SMD 2	D27, D38	\$0.027/2000k	LEDSMD5			Тор
				8-Bit Serial-Input/Serial or Prallel-Output Shift				
		MC74HC5		Register with Latched 3-				
		95ADTR2 Motor	U14, U16 B1, B2	State Outputs Motor, General Kind	948F-01_N RB5-10.5			Тор
-			D1, b2	Motor, General Natio	Rb3-10.5			ТОР
21		100nF[[/\]] 0603[[/\]]1	C1, C3, C6, C10, C11, C12, C13, C23, C24, C27, C29, C33, C35, C36, C37, C38, C39, C62, C65, C66, C67	Capacitor	RESC1608X06L	Famell	1288255	Тор
				NPN General-purpose		-	1200000	1
		BC817-40 RES	Q5, Q6, Q8, Q9, Q10, Q11, Q13, Q14, Q15, Q16, Q17, Q18, Q31, Q32, Q33, Q34, Q35, Q36, Q37, Q38, Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46 R26, R46, R47	Transistor 120	SOT23_N RESC1608X06L			Тор
		KES	R26, R46, R47		RESUIDUDAUDL			ГОР
	27-21/BHC- AN1P2/3C	LED	D8, D31, D37	SMD Blue led right angle mount 3.3V@20ma 28mcd	27-21 Everlight Blue			Тор
			50,501,507	SMD Red led right angle	Er Er Evenight Dide			
	27-21SURC/S530-		I			l		
	27-21SURC/S530-	LED	D7, D32, D36	mount 2V@20ma 57mcd	27-21 Everlight			Тор
	27-21SURC/S530- A3		D7, D32, D36		27-21 Everlight			Тор
	27-21SURC/S530- A3	10nF[[/\]]0 603[[/\]]1,	D7, D32, D36		27-21 Everlight	Distrele		Тор
3	27-21SURC/S530- A3	10nF[[/\]]0 603[[/\]]1, 470nF[[/\]]			27-21 Everlight RESC1608X06L	Distrele c, Famell	823494, 9406182	Тор
3	27-21SURC/S530- A3	10nF[[/\]]0 603[[/\]]1, 470nF[[/\]]	D7, D32, D36 C58, C59, C60	mount 2V@20ma 57mcd Capacitor LED standard - CMS		c,	823494, 9406182	
3	27-21SURC/S530- A3	10nF[[/\]]0 603[[/\]]1, 470nF[[/\]]		mount 2V@20ma 57mcd Capacitor		c,	823494, 9406182	
3	27-21SURC/S530- A3 47nF APTD1608CGCK	10nF[[/\]]0 603[[/\]]1, 470nF[[/\]] 0603[[/\]]1	C58, C59, C60	mount 2V@20ma 57mcd Capacitor LED standard - CMS Helios SMD Green 570nm	RESC1608X06L	c,	823494, 9406182	Тор
3	27-21SURC/S530- A3 47nF APTD1608CGCK	10nF[[/\]]0 603[[/\]]1, 470nF[[/\]] 0603[[/\]]1 LED 10K[[/\]]0 603[[/\]]1,	C58, C59, C60	mount 2V@20ma 57mcd Capacitor LED standard - CMS Helios SMD Green 570nm	RESC1608X06L	c,	823494, 9406182	Тор
3	27-21SURC/S530- A3 47nF APTD1608CGCK	10nF[[/\]]0 603[[/\]]1, 470nF[[/\]] 0603[[/\]]1 LED 10K[[/\]]0 603[[/\]]1, 100K[[/\]]0	C58, C59, C80 D28, D29, D30	mount 2V@20ma 57mcd Capacitor LED standard - CMS Helios SMD Green 570nm	RESC1608X06L	c,	823494, 9406182 715612, 715636	Тор
3	27/21SURC/S530- A3 47nF APTD1608CGCK	10nF[[/\]]0 603[[/\]]1, 470nF[[/\]] 0603[[/\]]1 LED 10K[[/\]]0 603[[/\]]1, 100K[[/\]] 0603[[/\]]1	C58, C59, C80 D28, D29, D30 R138, R139, R141, R143	mount 2V@20ma 57mcd Capacitor LED standard - CMS Hellos SMD Green 570nm 230mcd	RESC1608X06L DIOC1608X08N	c,		Тор
3	27/21SURC/S530- A3 47nF APTD1608CGCK	10nF[[/\]]0 603[[/\]]1, 470nF[[/\]] 0603[[/\]]1 LED 10K[[/\]]0 603[[/\]]1, 100K[[/\]]0	C58, C59, C60 D28, D29, D30 R138, R139, R141, R143	mount 2V@20ma 57mcd Capacitor LED standard - CMS Hellos SMD Green 570nm 230mcd	RESC1608X06L DIOC1608X08N	c,		Тор
3	27/21SURC/S530- A3 47nF APTD1608CGCK	10nF[[/]]0 603[[/]]1, 470nF[[/]]0 603[[/]]1 LED 10K[[/]]0 603[[/]]1, 100K[[/]]0 603[[/]]1 4.7uF[[/]]0 603[[/]]1	C58, C59, C60 D28, D29, D30 R138, R139, R141, R143	mount 2V@20ma 57mcd Capacitor LED standard - CMS Hellos SMD Green 570nm 230mcd	RESC1608X06L DIOC1608X08N	c,		Тор
3	27/21SURC/S530- A3 47nF APTD1608CGCK	10nF[[/]]0 603[[/]]1, 470nF[[/]] 0603[[/]]1 LED 10K[[/]]0603[[/]]1, 100K[[/]]0603[[/]]1, 4.7uF[[/]]0603[[/]]1, 10uF[[/]]0603[[/]]1,	C58, C59, C60 D28, D29, D30 R138, R139, R141, R143	mount 2V@20ma 57mcd Capacitor Capacitor LED standard CMS Helios SMD Green 570mm 230mcd Resistor	RESC1608X06L DIOC1608X08N	c,		Тор
3 3 3 4	27/21SURC/S530- A3 47nF APTD1608CGCK	10nF[[/]]0 603[[/]]1, 470nF[[/]] 0603[[/]]1 LED 10K[[/]]0603[[/]]1, 100K[[/]]0603[[/]]1, 4.7uF[[/]]0603[[/]]1, 10uF[[/]]0603[[/]]1,	C58, C59, C60 D28, D29, D30 R138, R139, R141, R143	mount 2V@20ma 57mcd Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L	c, Famell	715612, 715636	Тор Тор
3 3 3 4	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 10uF 19-21SURC/S530- A3/TR8	10nF[[/]]0 603[[/]]1, 470nF[[/]] 0603[[/]]1 LED 10K[[/]]0 603[[/]]1, 100K[[/]]0 603[[/]]1, 100F[[/]]0 603[[/]]1	C58, C59, C60 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46	mount 2V@20ma 57mcd Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0603 2V@20ma	RESC1608X06L DIOC1608X08N RESC1608X06L	c, Famell Distrele c	715612, 715636	Тор Тор Тор
3 3 3 4 4 4 4 4	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 10uF 19-21SURC/S530- A9/TR8	10nF[[/]]0 603[[/]]1, 470nF[[/]] 0603[[/]]1 LED 10K[[/]]0 603[[/]]1, 10K[[/]]0 603[[/]]1, 10F[[/]]0 603[[/]]1 LED 1K[[/]]06 03[[/]]1 RES	C58, C59, C60 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46	mount 2V@20ma 57mcd Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0603 2V@20ma	RESC1608X06L DIOC1608X08N RESC1608X06L	c, Famell	715612, 715636	Тор Тор Тор
3 3 3 4 4 4 4 4	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 10uF 19-21SURC/S530- A9/TR8	10nF[[/]]0 603[[/]]1, 470nF[[/]] 0603[[/]]1 LED 10K[[/]]0 603[[/]]1, 10K[[/]]0 603[[/]]1, 10F[[/]]0 603[[/]]1 LED 1K[[/]]06 03[[/]]1 RES	C58, C59, C80 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5	mount 2V@20ma 57mcd Capacitor LED standard - CMS Helos SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0603 2V@20ma 56 mcd	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N	c, Famell Distrele c Distrele c	715612, 715636 1463375, 9227784	Top Top Top Top Top
3 3 3 4 4 4 4	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 19-21SURC/S530- A3/TR8	10nF[[/]]0 603[[/]]1, 470nF[[/]]0 603[[/]]1 10K[[/]]0 603[[/]]1, 100K[[/]]0 603[[/]]1, 10uF[[/]]0 603[[/]]1, LED 1K[[/]]06 03[[/]]1, RES 22K[[/]]0 603[[/]]1, RES	C58, C59, C80 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5	mount 2V@20ma 57mcd Capacitor LED standard - CMS Helos SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0603 2V@20ma 56 mcd	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N	c, Famell Distrele c Distrele c Distrele c	715612, 715636 1463375, 9227784	Тор Тор Тор Тор Тор
3 3 3 4 4 4 4 4	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 19-21SURC/S530- A3/TR8 1K	10nF[[/]]0 603[[/]]1, 470nF[[/]]0 603[[/]]1 LED 10K[[/]]0 603[[/]]1, 100K[[/]]0 603[[/]]1, 100F[[/]]0 603[[/]]1, LED 1K[[/]]0 603[[/]]1, RES 22K[[/]]0 603[[/]]1, RES 68K[[/]]0	C58, C59, C80 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130	Capacitor LED standard - CMS Helios SMD Green 570nm 250mcd Resistor Capacitor SMD Red 0803 2V@20ma 120, Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L	c, Famell Distrele c Distrele c	715612, 715636 1463375, 9227784 715588	Тор Тор Тор Тор Тор Тор Тор Тор
3 3 3 4 4 4 4 4 4 6	27/2/ISURC/S530- A3 47nF APTD1608CGCK 100K 10uF 192/ISURC/S530- A3/TR8 1K 22K	10nF[[/]]0 603[[/]]1, 470nF[[/]]0 603[[/]]1 10K[[/]]0 603[[/]]1, 100K[[/]]0 603[[/]]1, 10uF[[/]]0 603[[/]]1, LED 1K[[/]]06 03[[/]]1, RES 22K[[/]]0 603[[/]]1, RES	C58, C59, C80 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108	Capacitor Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0603 2V@20ma 56 mcd	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L	c, Famell Distrele c Distrele c Distrele c	715612, 715636 1463375, 9227784 715588	Тор Тор Тор Тор Тор Тор
3 3 3 4 4 4 4 4 6 6	27/2/ISURC/S530- A3 47nF APTD1608CGCK 100K 100F 192/ISURC/S530- A3/TR8 1K 22K 39 6.2	10nF[[/\]]0 603[[/\]]1 470nF[[/\]]0 603[[/\]]1 LED 10k([/\]]0 603[[/\]]1 4.7uF[[/\]]0 603[[/\]]1 4.7uF[[/\]]0 603[[/\]]1 LED 1k[[/\]]06 03[[/\]]1, RES 603[[/\]]1, RES 603[[/\]]1	C58, C59, C80 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R36, R37, R39, R40, R54, R55	Capacitor LED standard - CMS Hellos SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0603 2V@20ma 55 mcd 120, Resistor 120, Resistor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L	c, Famell Distrele c Distrele c Distrele c	715612, 715636 1463375, 9227784 715588 715620 715632	Top
3 3 3 4 4 4 4 4 6 6	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 19-21SURC/S530- A3/TR8 1K 22K 39 6.2 2.2K	10nF[[/\]]0 603[[/\]]1 470nF[[/\]]0 603[[/\]]1 LED 10K[[/\]]0 603[[/\]]1 10K[[/\]]0 603[[/\]]1 10uF[[/\]]0 603[[/\]]1 LED 10uF[[/\]]0 603[[/\]]1 LED 10uF[[/\]]0 603[[/\]]1 RES 22K[[/\]]0 603[[/\]]1 RES 603[[/\]]1 RES 603[[/\]]1 603[[/\]]1 603[[/\]]1	C58, C59, C80 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0603 2V@20ma 56 mcd 120, Resistor Resistor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L	C, Famell Distrele c Distrele c Distrele c Distrele c c	715612, 715636 1463375, 9227784 715588	Top Top Top Top Top Top Top Top Top
3 3 3 4 4 4 4 4 6 6 7	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 19-21SURC/S530- A0 TR8 11K 22K 39 6.2 2.2K	10nF[[/]]0603[[/]]1, 470nF[[/]]0603[[/]]1, LED 10K[[/]]0603[[/]]1, 100K[[/]]0603[[/]]1, 100K[[/]]0603[[/]]1, 100F[[/]]0603[[/]]1, 100F[[/]]0603[[/]]1, RES 22K[[/]]0603[[/]]1, RES 68K[[/]]0603[[/]]1, RES	C58, C59, C80 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R36, R37, R39, R40, R54, R55	Capacitor LED standard - CMS Hellos SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0603 2V@20ma 55 mcd 120, Resistor 120, Resistor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L	C, Famell Distrele c Distrele c Distrele c Distrele c c	715612, 715636 1463375, 9227784 715588 715620 715632	Top Top Top Top Top Top Top Top
3 3 3 4 4 4 4 4 6 6 6	27/2/ISURC/S530- A3 47nF APTD1608CGCK 100K 100F 19/2/ISURC/S530- A3/TR8 1K 22K 39 6.2 2.2K 4.7uF 1TR9909	10nF[[/\]]0603[[/\]]1, 470nF[[/\]]0603[[/\]]1, LED 10K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]1, LED 10K[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]1, LED 22K[[/\]]0603[[/\]]1, RES 22K[[/\]]0603[[/\]]1, RES 22K[[/\]]0603[[/\]]1, RES 0603[[/\]]1, RES 0603[[/\]]1, RES 0603[[/\]]1, 10603[[/\]]1, 10603[[/\]]1, 11769909	C58, C59, C60 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R36, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126	mount 2V@20ms 57mcd Capacitor LED standard - CMS Helos SMD Green 570nm 230mcd Capacitor Capacitor SMD Red 0603 2V@20ms 56 mcd 120, Resistor 120, Resistor Resistor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L	C, Famell Distrele C Distrele C Distrele C Distrele C Distrele C	715612, 715636 1463375, 9227784 715588 715620 715632	Top
3 3 3 4 4 4 4 4 6 6 6	27/2/ISURC/S530- A3 47nF APTD1608CGCK 100K 100F 19/2/ISURC/S530- A3/TR8 1K 22K 39 6.2 2.2K 4.7uF 1TR9909	10nF[[/\]]0603[[/\]]1, 470nF[[/\]]0603[[/\]]1, LED 10K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]1, LED 10K[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]1, LED 22K[[/\]]0603[[/\]]1, RES 22K[[/\]]0603[[/\]]1, RES 22K[[/\]]0603[[/\]]1, RES 0603[[/\]]1, RES 0603[[/\]]1, RES 0603[[/\]]1, 10603[[/\]]1, 10603[[/\]]1, 11769909	C58, C59, C80 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R36, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Capacitor Capacitor Capacitor SMD Red 0803 2V@20ms 120, Resistor 120, Resistor 120, Resistor Resistor Resistor Capacitor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L	C, Famell Distrele C Distrele C Distrele C Distrele C Distrele C	715612, 715636 1463375, 9227784 715588 715620 715632	Top Top Top Top Top Top Top Top
3 3 3 4 4 4 4 4 6 6 6	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 19/21SURC/S530- A3/TR8 1K 22K 39 6.2 2.2K 4.7uF ITR9909	10nF[[/\]]0603[[/\]]1, 470nF[[/\]]0603[[/\]]1, LED 10K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]1, LED 10K[[/\]]0603[[/\]]1, 10UF[[/\]]0603[[/\]]1, 10UF[[/\]]0603[[\]]1, 10UF[[/\]]0603[[\]]1, 10UF[[\]]0603[[\]]1, 10UF[C58, C59, C80 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R36, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Capacitor Capacitor Capacitor SMD Red 0803 2V@20ms 120, Resistor 120, Resistor 120, Resistor Resistor Resistor Capacitor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L	C, Famell Distrele c Distrele c Distrele c Distrele c Distrele c Famell	715612, 715636 1463375, 9227784 715588 715620 715632	Top Top Top Top Top Top Top Top
3 3 3 4 4 4 4 4 6 6 7 7 7 7	27/21SURC/S530- A3 47nF APTD16080GCK 100K 10uF 192/1SURC/S530- A3/TR8 1K 22K 39 6.2 2.2K 4.7uF ITR9909	10nF[[/\]]0603[[/\]]1, 470nF[[\\]]0603[[/\]]1, LED 10K[[\\]]0603[[\\]]1, 100K[[\\]]0603[[\\]]1, 100K[[\\]]0603[[\\]]1, 100K[[\\]]0603[[\\]]1, 100K[[\\]]0603[[\\]]1, 100K[[\\]]1, 100K[\\]1, 100K[\\]1	C58, C59, C60 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R36, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50 U6, U7, U8, U9, U10, U11, U12	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Capacitor Capacitor Capacitor SMD Red 0803 2V@20ms 120, Resistor 120, Resistor 120, Resistor Resistor Resistor Capacitor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L DIOC1608X08N RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L	C, Famell Distrele C Distrele C Distrele C Distrele C Distrele C	715612, 715636 1463375, 9227784 715588 715620 715632 715596	Top Top Top Top Top Top Top Top
3 3 3 4 4 4 4 4 6 6 7 7 7 7	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 192/ISURC/S530- A3/TR8 1K 22K 39 6.2 2.2K 4.7uF ITR9909	10nF[[/\]]0 603[[/\]]1 470nF[[/\]]0 603[[/\]]1 470nF[[/\]]0 603[[/\]]1 10NF[[/\]]0 603[[/\]]1 4.7uF[[/\]]0 603[[/\]]1 4.7uF[[/\]]0 603[[/\]]1 1NF[[/\]]0 603[[/\]]1 1NF[[\]]0 603[[/\]]1 1NF[[\]]0 603[[/\]]1 1NF[[\]]0 603[[/\]]1 1NF[[\]]0 603[[\]]0 1NF[[\]]0 603[[\]]0 1NF[[\]]0 603[[\]]0 1NF[[\]]0 603[[\]]0 1NF[[\]]0 1NF[[C58, C59, C60 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R36, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50 U6, U7, U8, U9, U10, U11, U12	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Capacitor Capacitor Capacitor SMD Red 0803 2V@20ms 120, Resistor 120, Resistor 120, Resistor Resistor Resistor Capacitor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L	C, Famell Distrele c Distrele c Distrele c Distrele c Distrele c Famell	715612, 715636 1463375, 9227784 715588 715620 715632	Top Top Top Top Top Top Top Top
3 3 3 4 4 4 4 4 6 6 7 7 7 7 8	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 192/ISURC/S530- A3/TR8 1K 22K 39 6.2 2.2K 4.7uF ITR9909	10nF[[/\]]0 603[[/\]]1 470nF[[/\]]0 603[[/\]]1 470nF[[/\]]0 603[[/\]]1 10NF[[/\]]0 603[[/\]]1 4.7uF[[/\]]0 603[[/\]]1 4.7uF[[/\]]0 603[[/\]]1 1NF[[/\]]0 603[[/\]]1 1NF[[\]]0 603[[/\]]1 1NF[[\]]0 603[[/\]]1 1NF[[\]]0 603[[\]0 603[[\]]0 603[[\]0 603[[\]]0 603[[\]0 603[[\]0 603[[\]0 603[[\]0 603[[\]0 603[[\]0 603[[\]0 6	C58, C59, C80 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R36, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50 U6, U7, U8, U9, U10, U11, U12 R101, R102, R109, R110, R117, R118, R128, R129	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0603 2V@20ma 56 mcd 120, Resistor 120, Resistor 120 Resistor Resistor LeD standard - CMS Resistor LeD standard - CMS Resistor Resistor Resistor Capacitor Everlight Opto Interrupter Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L	C, Famell Distrele c	715612, 715636 1463375, 9227784 715688 715620 715632 715696 9227784 715612, 9330399, 9331565	Top
3 3 3 4 4 4 4 4 6 6 7 7 7 7 8	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 10uF 19-21SURC/S530- A3/TR8 1K 22K 39 6.2 2.2K 4.7uF 1TR9909 10K	10nF[[/]]0603[[/]]1, 470nF[[/]]0603[[/]]1, 1470nF[[/]]0603[[/]]1, 100K[[/]]0603[[/]]1, 100K[[/]]0603[[/]]1, 100F[[/]]0603[[/]]1, 100F[[C58, C59, C60 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R36, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50 U6, U7, U8, U9, U10, U11, U12	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0603 2V@20ms 56 mcd 120, Resistor 120, Resistor 120, Resistor 120, Resistor 120 Resistor 120 Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L DIOC1608X08N RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L	c, Famell Distrele c Distrele Distrele c Distrele c Distrele c	715612, 715636 1463375, 9227784 715588 715620 715632 715596	Top
3 3 3 3 4 4 4 4 4 6 6 6 7 7 7 7	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 19-21SURC/S530- A3/TR8 1K 22K 39 6.2 2.2K 4.7uF 1TR9909 10K	10nF[[/\]]0 603[[/\]]1 470nF[[/\]]0 603[[/\]]1 470nF[[/\]]0 603[[/\]]1 10NF[[/\]]0 603[[/\]]1 4.7uF[[/\]]0 603[[/\]]1 4.7uF[[/\]]0 603[[/\]]1 1NF[[/\]]0 603[[/\]]1 1NF[[\]]0 603[[/\]]1 1NF[[\]]0 603[[/\]]1 1NF[[\]]0 603[[\]0 603[[\]]0 603[[\]0 603[[\]]0 603[[\]0 603[[\]0 603[[\]0 603[[\]0 603[[\]0 603[[\]0 603[[\]0 6	C58, C59, C80 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R36, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50 U6, U7, U8, U9, U10, U11, U12 R101, R102, R109, R110, R117, R118, R128, R129	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0603 2V@20ma 56 mcd 120, Resistor 120, Resistor 120 Resistor Resistor LeD standard - CMS Resistor LeD standard - CMS Resistor Resistor Resistor Capacitor Everlight Opto Interrupter Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L	c, Famell Distrele c Distrele c	715612, 715636 1463375, 9227784 715688 715620 715632 715696 9227784 715612, 9330399, 9331565	Top
3 3 3 4 4 4 4 4 6 6 6 7 7 7 7	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 1921SURC/S530- A3/17R 1K 22K 39 6.2 2.2K 4.7uF 1TR9909 10K 33 56	10nF[[/\]]0 603[[/\]]1 470nF[[/\]]0 603[[/\]]1 10N[[/\]]0 60S[[/\]]1 10N[[/\]]0 60S[[/\]]0 60S[[/\]]1 10N[[/\]]0 60S[[/\]]0	C58, C59, C80 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R36, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50 U6, U7, U8, U9, U10, U11, U12 R101, R102, R109, R110, R117, R118, R128, R129 R98, R99, R100, R135, R147, R148, R149, R150	Capacitor LED standard - CMS Helios SMD Green 570nm 250mcd Capacitor Capacitor Capacitor Capacitor SMD Resistor 120, Resistor 120, Resistor 120 Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L	c, Famell Distrele c Distrele Distrele c Distrele c Distrele c	715612, 715636 1463375, 9227784 715588 715620 715632 715612, 9330399, 9331565 715632	Top
3 3 3 4 4 4 4 4 6 6 6 7 7 7 7	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 19/21SURC/S530- A3/17R 1K 22K 39 6.2 2.2K 4.7uF 1TR9909 10K 33	10nF[[/\]]0603[[/\]]1, 470nF[[/\]]0603[[/\]]1, LED 10K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]0603[[/\]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[C58, C59, C60 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R38, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50 U6, U7, U8, U9, U10, U11, U12 R101, R102, R109, R110, R117, R118, R128, R129 R98, R99, R100, R135, R147, R148, R149, R150 R56, R58, R60, R62, R78, R79, R80, R81	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0803 2V@20ma 56 mcd 120, Resistor 120, Resistor Capacitor Everlight Opto Interrupter Resistor 120, Resistor Capacitor Resistor Capacitor Resistor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L	c, Famell Distrele c Distrele Distrele c Distrele c Distrele c	715612, 715636 1463375, 9227784 715588 715620 715632 715612, 9330399, 9331565 715632	Top
3 3 3 4 4 4 4 4 6 6 6 7 7 7 7	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 19/21SURC/S530- A3/17R 1K 22K 39 6.2 2.2K 4.7uF 1TR9909 10K 33	10nF[[/\]]0603[[/\]]1, 470nF[[/\]]0603[[/\]]1, LED 10K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]0603[[/\]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[C58, C59, C60 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R38, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50 U6, U7, U8, U9, U10, U11, U12 R101, R102, R109, R110, R117, R118, R128, R129 R98, R99, R100, R135, R147, R148, R149, R150 R56, R58, R60, R62, R78, R79, R80, R81	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0803 2V@20ma 56 mcd 120, Resistor 120, Resistor Capacitor Everlight Opto Interrupter Resistor 120, Resistor Capacitor Resistor Capacitor Resistor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L	c, Famell Distrele c Distrele Distrele c Distrele c Distrele c	715612, 715636 1463375, 9227784 715588 715620 715632 715612, 9330399, 9331565 715632	Top
3 3 3 4 4 4 4 4 6 6 6 7 7 7 7	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 19/21SURC/S530- A3/17R 1K 22K 39 6.2 2.2K 4.7uF 1TR9909 10K 33	10nF[[/\]]0603[[/\]]1, 470nF[[/\]]0603[[/\]]1, LED 10K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]0603[[/\]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[C58, C59, C60 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R38, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50 U6, U7, U8, U9, U10, U11, U12 R101, R102, R109, R110, R117, R118, R128, R129 R98, R99, R100, R135, R147, R148, R149, R150 R56, R58, R60, R62, R78, R79, R80, R81	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0803 2V@20ma 56 mcd 120, Resistor 120, Resistor Capacitor Everlight Opto Interrupter Resistor 120, Resistor Capacitor Resistor Capacitor Resistor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L	c, Famell Distrele c Distrele Distrele c Distrele c Distrele c	715612, 715636 1463375, 9227784 715588 715620 715632 715612, 9330399, 9331565 715632	Top
3 3 3 4 4 4 4 4 6 6 6 7 7 7 7	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 19/21SURC/S530- A3/17R 1K 22K 39 6.2 2.2K 4.7uF 1TR9909 10K 33	10nF[[/\]]0603[[/\]]1, 470nF[[/\]]0603[[/\]]1, LED 10K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]0603[[/\]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[C58, C59, C60 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R38, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50 U6, U7, U8, U9, U10, U11, U12 R101, R102, R109, R110, R117, R118, R128, R129 R98, R99, R100, R135, R147, R148, R149, R150 R56, R58, R60, R62, R78, R79, R80, R81	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0803 2V@20ma 56 mcd 120, Resistor 120, Resistor Capacitor Everlight Opto Interrupter Resistor 120, Resistor Capacitor Resistor Capacitor Resistor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L	c, Famell Distrele c Distrele Distrele c Distrele c Distrele c	715612, 715636 1463375, 9227784 715588 715620 715632 715612, 9330399, 9331565 715632	Top
3 3 3 4 4 4 4 4 6 6 6 7 7 7 7	27/21SURC/S530- A3 47nF APTD1608CGCK 100K 100F 19/21SURC/S530- A3/17R 1K 22K 39 6.2 2.2K 4.7uF 1TR9909 10K 33	10nF[[/\]]0603[[/\]]1, 470nF[[/\]]0603[[/\]]1, LED 10K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100K[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]]0603[[/\]]1, 100F[[/\]]0603[[/\]0603[[/\]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[[/\]]0603[C58, C59, C60 D28, D29, D30 R138, R139, R141, R143 C2, C4, C32, C46 D1, D3, D4, D5 R25, R48, R49, R108 R11, R42, R43, R130 R66, R86, R87, R88, R89, R134 R38, R37, R39, R40, R54, R55 R32, R34, R35, R41, R52, R53, R126 C31, C44, C45, C47, C48, C49, C50 U6, U7, U8, U9, U10, U11, U12 R101, R102, R109, R110, R117, R118, R128, R129 R98, R99, R100, R135, R147, R148, R149, R150 R56, R58, R60, R62, R78, R79, R80, R81	Capacitor LED standard - CMS Helios SMD Green 570nm 230mcd Resistor Capacitor SMD Red 0803 2V@20ma 56 mcd 120, Resistor 120, Resistor Capacitor Everlight Opto Interrupter Resistor 120, Resistor Capacitor Resistor Capacitor Resistor Resistor	RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L DIOC1608X08N RESC1608X06L RESC1608X06L	c, Famell Distrele c Distrele Distrele c Distrele c Distrele c	715612, 715636 1463375, 9227784 715588 715620 715632 715612, 9330399, 9331565 715632	Top



