



Quantity	Comment	LibRef	Designator	Description	Footprint	Supplier	Supplier Nr
	Motor	Motor	B1, B2	Motor, General Kind	RB5-10.5	Опррист	Coppet re
1 B	Battery	Battery	BT1 C1, C3, C5, C6, C7, C8, C9, C10, C11, C12, C13,	Multicell Battery	BAT-2		
		100nF[[/\]]0603[[/\	C14, C22, C23, C24, C25, C26, C27, C28, C29, C30, C33, C35, C36, C37, C38, C39, C55, C62, C65, C66,				
36 10	100nF	]]1 10uF[[/\]]0603[[/\]]	O87, C68, C69, C70, C71	Capacitor	RESC1608X06L	Famell	1288255
	10uF	1	C2, C4, C34, C46, C51, C52	Capacitor	RESC1608X06L	Famell	1463375
	1.7nF	CAP-NP 4.7uF[[/\]]0603[[/\]	C15, C16, C17, C18, C19, C20, C21 C31, C32, C40, C43, C44, C45, C47, C48, C49, C50,	Capacitor	CAPC1608N	Famell	
11 4.	-	]1 10pF[[/\]]0603[[/\]]	C72	Capacitor	RESC1608X06L		9227784
	18pF	3 100nF[[/\]]0603[[/\	C41, C42		RESC1608X06L	Famell	8819815
2 1r	InF	]]1 1uF[[/\]]0603[[/\]]1	CS3, C54	Capacitor	RESC1608X06L	Famell	1288255
		4.7uF[[/\]]0603[[/\]				Distrelec,	
4 11	luF	]1 10nF[[/\]]0603[[/\]]	C56, C60, C61, C63	Capacitor	RESC1608X06L	Famell	823495, 9227784
1 1.	1.5nF	1 10hF[[/\] 0603[[/\]]	C57	Capacitor	RESC1608X06L	Famell	9406182
		1, 470nF[[/\]]0603[[/\				Distrelec,	
2 47	17nF	]]1 10nF[[/\]]0603[[/\]]	C58, C59	Capacitor	RESC1608X06L	Famell	823494, 9406182
	51pF 19-21SURC/S530-A3/TR8	1 LED	084	Capacitor SMD Red 0603 2V@20ma 56 mcd	RESC1608X06L DIOC1608X08N	Famell	9406182
	3T5050RGBC-T180		D1, D3, D4, D5 D2, D6, D27, D38	\$0.027/2000k	LEDSMD5		
12 2	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	27-21 Everlight		
3 2	27-21/BHC-AN1P2/3C	LED	D8, D31, D37	SMD Blue led right angle mount 3.3V@20ma 28mcd	27-21 Everlight Blue		
	APTD1608SYCK	LED	D13, D14, D15, D16, D21, D22, D23, D24	LED standard - CMS Helios SMD Yellow 590nm 480mcd	DIOC1608X08N		
	SSL-LX3044HD	LED	D19, D20	Red led 2V@20ma 57mcd	Led_TH_3mm_20mm		
3 A	APTD1608CGCK	LED	D28, D29, D30	LED standard - CMS Helios SMD Green 5/Unm 230mcd	DIOC1608X08N		
	BAT54S	BAT54S	D33, D34	Schottky Barrier Double Diode	SOT23_N		
	Speaker	Speaker	LS1	Loudspeaker Omnidirectional Back Electret Condenser	PIN2		
111	TD4015BPN	Micro1	MC1 Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11,	Microphone	MICRO_PANASONIC_WM-64PN		
			Q12, Q13, Q14, Q15, Q16, Q17, Q18, Q19, Q20, Q21, Q22, Q23, Q24, Q25, Q26, Q27, Q28, Q29,				
46 B	9C817-40	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		
		4.7K[[/\]]0603[[/\]]	R1, R2, R57, R59, R61, R63, R64, R65, R67, R92, R93, R94, R103, R104, R111, R112, R113, R114,				
22 4.		1 68K[[/\]]0603[[/\]]1	R142, R144, R145, R146 R3, R5, R68, R69, R70, R71, R72, R73, R98, R99,	Resistor	RESC1608X06L	Distrelec	715604
16 33	33	, RES 1KJ/\  0803  \  1,	R100, R135, R147, R148, R149, R150 R4, R6, R21, R22, R23, R24, R25, R48, R49.	120, Resistor	RESC1608X06L	Distrelec	715632
10 16	IK	RES 22K[[/\]]0603[[/\]]1	R108	120, Resistor	RESC1608X06L	Distrelec	715588
8 22	22K	, RES	R7, R8, R9, R10, R11, R42, R43, R130	120, Resistor	RESC1608X06L	Distrelec	715620
	2.2K	1, RES	R41, R44, R45, R52, R53, R126	120, Resistor	RESC1608X06L	Distrelec	715596
7 1.	1.5K	RES 8.2K[[/\]]0603[[/\]]	R17, R18, R19, R20, R26, R46, R47	120	RESC1608X06L		
		2, 10K[[/\]]0603[[/\]]1					
		, 10K[[/\]]0603[[/\]]2	R27, R28, R29, R30, R31, R50, R51, R101, R102,			Distrelec,	
16 10 7 6.		, RES RES	R109, R110, R117, R118, R128, R129, R143 R36, R37, R38, R39, R40, R54, R55	120, Resistor 120	RESC1608X06L RESC1608X06L	Famell	715612, 9330399, 9331565
14 56			R56, R58, R60, R62, R74, R75, R76, R77, R78,	Resistor	RESC1608X06L	Distrelec	715632
			R79, R80, R81, R90, R91 R66, R82, R83, R84, R85, R86, R87, R88, R89,				
14 39		68K[[/\]]0603[[/\]]1 RES_ACORT	R95, R96, R97, R133, R134 R105, R106	Resistor Resistance	RESC1608X06L RESC1608X06N	Distrelec	715632
2 1	180	180R[[/\]]0603[[/\]	R107, R137	Resistor	RESC1608X06L	Distrelec	715570
2 5.	SRK	2.2K[[/\]]0603[[/\]]	R115, R116	Resistor	RESC1608X06L	Distrelec	715596
		10K[[/\]]0603[[/\]]1	10,100	TVLSIALUT	12001000002	Dissicico	71000
0.1	100K	100K[[/\]]0603[[/\]]	R119, R120, R121, R122, R123, R124, R138, R139, R141	Resistor	RESC1608X06L	Distrelec	715612, 715636
	380K	470K[[/\]]0803[[/\]]	R125	Resistor	RESC1608X06L	District	715652
		1		Resistor		Distretec	
	3.8K	10K[[/\]]0603[[/\]]1	R127	Resistor	RESC1608X06L	Distrelec	715612
	320	22K[[/\]]0603[[/\]]1		Resistor	RESC1608X06L	Distrelec	715620
1 47	17K	22K[[/\]]0603[[/\]]1 270K[[/\]]0603[[/\]]	R132	Resistor	RESC1608X06L	Distrelec	715620
	270K NCP15XH103F03RC	2 Res Themal	R140 RT1	Resistor Thermistors - NTC 10K OHM 1%0402	RESC1608X06L RESC1005X04L	Famell	9330941
1 N	-CATHOSPOSIC	SD-Card-Micro-		THE PROPERTY OF THE PROPERTY O	- C-		
	MicroSD-Astron 5190008-XA4-R	ASLTRON 5190008-XA4-R	S1	MicroSD Card connector 5190008-XA4-R	Astron 5190008-XA4-R		
	SW-PB	SW-PB	S2	Switch Transistor MOSFET 1 x P Pining : 1=G, 2=S,	FSMRA2JH		
					i		I
4 D.	DMG1013T	DMG1013T	T1, T2, T3, T4	3=D Transistor MOSFET 1 x N. Pining : 1=G, 2=S.	SOT50P160X80-3N		
	DMG1013T DMG1012T	DMG1013T DMG1012T	T1, T2, T3, T4 T5, T6, T7, T8	Transistor MOSFET 1 x N, Pining : 1=G, 2=S, 3=D	SOT50P160X80-3N SOT50P160X80-3N		
4 DI	DMG1012T MMA7680FC	DMG1012T MMA7660FC	T5, T6, T7, T8	Transistor MOSFET 1 x N, Pining : 1=G, 2=S, 3=D MMA7660FC: XYZ-AXIS ACCELEROMETER ±1.5 g	SOT50P160X80-3N DFN50P300X300X100-12N		
4 DI 1 M 2 IT	DMG1012T MMA7680FC TR9909	DMG1012T MMA7660FC ITR9909	T5, T6, T7, T8 U1 U2, U3	Transistor MOSFET 1 x N, Pining : 1=G, 2=S, 3=D MMA7680FC: XYZ-AXIS ACCELEROMETER ±1.5 g Everlight Opto Interrupter TMM2, 89 Jan Quad Op Amp, 14-Pm 1SSOP,	SOT50P160X80-3N DFN50P300X300X100-12N ITR9909_LONG		
4 DI 1 M 2 IT 2 M	OMG1012T MMA7680FC TR9909 MCP8L04T-E/ST	DMG1012T MMA7660FC ITR9909 MCP6L04T-E/ST	T5, T6, T7, T8 U1 U2, U3 U4, U5	Transistor MOSFET 1 x N, Prining : 1=G, 2=S, 3=0 MMM/7680PC: XYZ-AXIS: ACCELEROMETER: ±1.5g Everlight Opto Interrupter TMPL: 85 µA Clusd Up Amp, 14-Pm I ISSUP, Extended Temperature Range, Tape and Reel	SOT50P160X80-3N DFN50P300X300X100-12N ITR9909_LONG TSSOP-ST14_N		
4 DI 1 M 2 IT 2 M 7 IT	OMG1012T  MMA7660FC  TR9909  MCP6L04T-E/ST  TR9909	DMG1012T MMA7660FC ITR9909	T5, T6, T7, T8 U1 U2, U3 U4, U5 U6, U7, U8, U9, U10, U11, U12	Tanastor MOSPET 1 x N, Prinng: 1 HS, 2 = S, 3 = D  MMAYSGRIC: XYZ-AXIS: ACCELEROMETER 41.5.9  Everlight Opto Interrupter 1 YMYZ, SS JAX CUABS UP APAP 1 TSSCP, Debended Temperature Range, 1 Apap and Reel Everlight Opto Interrupter 3 MS Steal Apap Serial or Parallel Output Shift.	S0T50P160X80-3N DFN50P300X300X100-12N ITR9909_LONG TSSOP-ST14_N ITR9909_EDGE		
4 DI 1 M 2 IT 2 M 7 IT 5 M	DMG1012T  MMA7660FC  TRS909  MCP6L04T-E/ST  TR9909  MC74HC59SADTR2	DMG1012T MMA7660FC ITR9909 MCP6L04T-E/ST ITR9909 MC74HC595ADTR 2	75, T6, T7, T8 U1 U2, U3 U3, U3 U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17	Tamastor MoSPET 1 x N, Pring : 1+ct, 2+S, 3+D  MIMAT 8097C XYZ-AXIS ACCELEROMETER  41.5 g  Everlight Opto Interruptor  Y MYZ: 85 px Custa Up Avrip : 14-Pv1 TSSCP;  Everlight Opto Interruptor  Everlight Opto Interruptor  Everlight Opto Interruptor  Statistics of the Statistics of Avrip Statistics  Everlight Opto Interruptor  But Seasin prints Statist or Visiales Culptus  Statistics of Statistics of Culptus  Statistics of Statistics of Culptus  Statistics of Statistics of Statistics of Culptus	SOT50P160X80-3N DFN50P300X300X100-12N ITR9909_LONG TSSOP-ST14_N ITR9909_EDGE 948F-01_N		
4 DI 1 M 2 IT 2 M 7 IT 5 M	OMG1012T  MMA7660FC  TR9909  MCP6L04T-E/ST  TR9909	DMG1012T MMA7660FC ITR9909 MCP6L04T-E/ST ITR9909 MC74HCS9SADTR 2 AP7331	T5, T6, T7, T8 U1 U2, U3 U4, U5 U6, U7, U8, U9, U10, U11, U12	Transistor MoSFET 1 x N Pring; 1-10, Z-95, 3-90 3-90 3-90 MMA7860CC XYZ-ANDS ADDELEROMETER 11 5 9 Everlight Opto Interrupter Thirty: 59 processor 5, Tope and Real Everlight Opto Interrupter Thirty: 59 processor 5, Tope and Real Everlight Opto Interrupter Self Sense from Linders Parison, Tope and Real Everlight Opto Interrupter Self Sense from Linders Selface Couples Self Sense from Linders Couples Self Sense from Linders Couples Top Common Linders Couples Top Couples Top Common Linders Couples Top Common Linders Couples Top Couples To	S0T50P160X80-3N DFN50P300X300X100-12N ITR9909_LONG TSSOP-ST14_N ITR9909_EDGE		
4 DI 1 M 2 IT 2 M 7 IT 5 M 4 A4	DMG1012T  MMA7660FC  TRS909  MCP6L04T-E/ST  TR9909  MC74HC59SADTR2	DMG1012T MMA7660FC ITR9909 MCP6L04T-E/ST ITR9909 MC74HC595ADTR 2	75, T6, T7, T8 U1 U2, U3 U3, U3 U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17	Tamastor MOSFET 1 x N, Prim; 1-14, Z-PS, 3-90 3-10 3-10 3-10 3-10 3-10 3-10 3-10 3-1	SOT50P160X80-3N DFN50P300X300X100-12N ITR9909_LONG TSSOP-ST14_N ITR9909_EDGE 948F-01_N		
4 DI 1 M 2 IT 2 M 7 IT 5 M 4 AI 1 PI	0MG1012T MMA7660FC TR9909 MCPELOHT-E/ST TR9909 MC74HC595ADTR2 MC74HC595ADTR2	DMG1012T  MMA7660FC  ITR9909  MCP6L04T-E/ST  ITR9909  MC74HCS95ADTR  2  AP7331  PIC24FJ84GB106-	18, 16, 17, 18 U1 U2, U3 U4, U5 U6, U7, U8, U8, U10, U11, U12 U13, U14, U15, U16, U17 U16, U22, U24, U26	Transation MOSPET 1 x N Pring; 1-1-0, 2-55, 3-50  MMA7660CC XYZ-ANIS ACCELEROMETER 11-5 9  Everlight Cobb Interruptor  Everlight Cobb Interrup	SOTSOP160X80-3N  DPNS6P900X500X100-12N  TTR8909_LONG  TSSCP-ST14_N  TTR8909_EDGE  B48F-01_N  SOTSSP28X100-SN		
4 DI 1 M 2 IT 2 M 7 IT 5 M 4 AI 1 PI	0MG1012T  MMA7660FC  TR9909  MCPELOHT-E/ST  TR9909  MCPHCH-E/ST  TR9909  MC74HCS95ADTR2  PP7331-33WG-7  PIC24FJ84GB1064/PT	DMG1012T  MMA7660FC  ITR9909  MCP6L04T-E/ST  ITR9909  MC74HC595ADTR  AP7331  PIC24FJ64GB106-I/PT  TSOP32236	15, 16, 17, 18 U1 U2, U3 U4 U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U5, U16, U17 U19, U22, U24, U28 U19	Tamasian MoSFET 1 x N Primg 1-14 C. PS. 3-70 MINATORIO X ACCELEROMETER MINATORIO	SOT56P160X80-3N  DPN56P500X300X100-12N  TIRRS902_LONG  TIRS902_EDGE  948F-01 N  SOT76FP26X100-0N		
4 DI 1 M 2 II M	0MG1012T  MMA7660FC  TR9909  MCPELOHT-E/ST  TR9909  MCPHCH-E/ST  TR9909  MC74HCS95ADTR2  PP7331-33WG-7  PIC24FJ84GB1064/PT	DMG1012T  MMA7660FC  ITR9909  MCP6L04T-E/ST  ITR9909  MC74HC595ADTR  2  AP7331  PIC24FJ84GB106-IJPT	15, 16, 17, 18 U1 U2, U3 U4 U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U5, U16, U17 U19, U22, U24, U28 U19	Transidor MOSTET I X N Pring: 1-10, Z-95, 3-10 3-10 3-10 3-10 3-10 3-10 3-10 3-10	SOT56P160X80-3N  DPN56P500X300X100-12N  TIRRS902_LONG  TIRS902_EDGE  948F-01 N  SOT76FP26X100-0N		
4 DI 1 M 1 M 1 H 1 M 1 H 1 M 1 H 1 M 1 H 1 M 1 M	OMG1012T  MMAY666FC  TR96069  MCP8L0AT-£:ST  TR96069  MCP4HC596ADTR2  PP7331-33WG-7  PCCAFL64G6106-4PT  RM-9836T	DMG1012T  MMA7660FC  ITR9909  MCP6L04T-E/ST  ITR9909  MC74HC555ADTR  2  AP7331  PIC24FJ84GB106-JPT  TSOP32236  MCP73871- 2AAI/ML	15, 16, 17, 18 U1 U2, U3 U4, U5 U4, U5 U5, U1, U5, U10, U11, U12 U13, U14, U15, U16, U17, U12 U13, U14, U22, U24, U28 U19 U20 U20	Tamastor MOSFET I x N, Primg: 1-14, Z-PS, 3-90 3-10 3-10 3-10 3-10 3-10 3-10 3-10 3-1	SOTSOP160X80-3N OPNSOP500X500X100-12N TITRS0PD_LONG TITRS0PD_LONG TITRS0PD_EDGE 488F-01_N SOTSSP265X100-6N TOPP-PT64_N R-receiver		
4 DI 1 M 2 IT 2 M 7 IT 6 M 4 A 4 A 4 A 4 A 1 IF 1 IF	OMG1012T  MMAT200FC  TM500F0  TM500F0  MC794CBATF2 ST  TR500F0  MC794CSADT72  MC794SSADT72  MC794SSADT72  MC794SSADT74  MC7973371-2AAI/ML  AAAI/308	DMG1012T  MMA7680FC  ITR9909  MCP6L04T-E/ST  ITR9909  MCP6L04T-E/ST  ITR9909  AP7331  AP7331  PC24FJ64GB106-I/PT  TSOP32236  MCP73871- 2AAI/ML  FAN3988	18, 16, 17, 18  U1  U2, U3  U4, U5  U6, U7, U8, U8, U10, U11, U12  U13, U14, U5, U16, U17  U18, U22, U24, U28  U19  U20  U21	Transation MoSFET 1 x N Primit; 1-16, 2-55, 3-50  TO TO TO THE STATE OF THE STATE O	SOTS6P160X80-3N CENSEPSDX000000100-12N TTRS000_LONG TSSCP-ST14_N TTRS000_EDDE 948F-01_N SOTS6P5P285X100-5N TCRP-PT64_N R-receiver GPN-NL20_N MLP 1.4541rm		
4 DI 1 M 2 IT 2 M 7 IT 5 M 4 AI 1 P 1 IF 1 M 1 IF	OMG1012T  MMAY666FC  TR96069  MCP8L0AT-£:ST  TR96069  MCP4HC596ADTR2  PP7331-33WG-7  PCCAFL64G6106-4PT  RM-9836T	DMG1012T  MMA7660FC  ITR9909  MCP6L04T-E/ST  ITR9909  MC74HC555ADTR  2  AP7331  PIC24FJ84GB106-JPT  TSOP32236  MCP73871- 2AAI/ML	15, 16, 17, 18 U1 U2, U3 U4, U5 U4, U5 U5, U1, U5, U10, U11, U12 U13, U14, U15, U16, U17, U12 U13, U14, U22, U24, U28 U19 U20 U20	Transator MoSFET 1 x N Pring 1-1-0, 2-8, 3-90  3	SOTSOP160X80-3N OPNSOP500X500X100-12N TITRS0PD_LONG TITRS0PD_LONG TITRS0PD_EDGE 488F-01_N SOTSSP265X100-6N TOPP-PT64_N R-receiver		
4 D 1 M 2 III	OMG1012T  MAA7866FC  MAA7866FC  TRR8600  MCF44K585AUTF2  MCF44K585AUTF2  MP7331-33WG-7  ACCAF-84G6 1064/PT  RRA-9367T  MCF7478871-2AAI/ML  FA43888  JA6818M of NCP2880  Dontols  Dontols	DMG1012T  IMMA7660FC  ITR9606  MCP6L041-E/ST  ITR9606  MCP4L74E/S55AD1TR  AP7331  PIC24FJ64GB166- IFFT  TSCPD22286  MC73871- 2AAVIM.  FAA\3988  LM46196M  Contu6_1  Contu6_1  Contu6_1  Contu6_1  Contu6_1	15, 16, 17, 18  U1  U2, U3  U4 U5  U6, U7, U8, U8, U10, U11, U12  U13, U14, U15, U16, U17  U19, U22, U24, U28  U19  U20  U21  U23  U25  X1  X1	Tamasian MoSFET 1 x N Pring 1-14 C. 2-53, 3-50  MMA766CC XYZ-ANIS ACCELEROMETER 115 9  Evenlight Opposite the prince of the prin	SOTSOP160X80-3N  DPNS60F300X300X100-12N  TIRRS002_DMG  TIRRS002_EDGE  948F01_N  SOTISPEPT64_N  REGERRY  GPNALIZO_N  ALP 145kfrrm  MOBA_N  TYCO_7215079-6  MORTHYS		
4 DI 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1	2MG1012T  MMAT06FC  TR8600  MCPBL0ATE/ST  TR89009  MCPPSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	DMG1012T  MMA7660FC  ITR9009  MCP6L04T-E/ST  ITR9009  MCP4L04T-E/ST  ITR9009  MC74HC596ADTR  2  AF7331  PIC24F-84GB106-  I/FT  TSOP932236  MCP73871-  ZAMIML  FAN3888  EAM8499M  Conto6_1	18, 16, 17, 18 U1 U2, U3 U4, U5 U6, U7, U6, U8, U10, U11, U12 U13, U41, U15, U16, U17 U18, U22, U24, U26 U19 U20 U21 U21 U22 U25 U25 U25	Tamastor MoSFET I x N, Primg: 1-rd, Z-rS, 3-rd 3-rd 3-rd 3-rd 3-rd 3-rd 3-rd 3-rd	SOTSOP160X80-3N  CHRISPROXICOOT.100-12N  TIRRSOP_LONG  TISSOP-ST14_N  TIRRSOP_EDGE  948F-01_N  SOTSSP296X10-6N  TGFP-PT64_N  FR-receiver  GPN-ML20_N  MAP 1-456/strim  MG64_N		

Quantity	Comment	LibRef	Designator	Description	Footprint	Supplier	Supplier Nr	Layer
1	100	RES_ACO RT	R105	Resistance	RESC1608X06N			Bottom
		1uF[[/\]]06				Distrele	200.405	
_	1uF 6.2	03[[/\]]1 RES	C63	Capacitor 120	RESC1608X06L RESC1608X06L	С	823495	Bottom Bottom
	815-ABLS-8-B2	HC49/4H_ SMX		Surface Mount Quartz				Bottom
	010-MBLO-0-BZ	JIVIA		Crystal 8Mhz 300mA, Low Quiescent	HC49/4H_SMX			BOROIII
1	AP7331-33WG-7	AP7331		Current, Fast Transient LDO	SOT95P285X100-5N			Bottom
	Con1x6	Con1x6_1	X1	1 x 6 pins connector	TYCO_7-215079-6			Bottom
				1 MHz, 85 μA Quad Op Amp, 14-Pin TSSOP,				
1	MCP6L04T-E/ST	MCP6L04 T-E/ST		Extended Temperature Range, Tape and Reel	TSSOP-ST14_N			Bottom
12	4.7K	4.7K[[/\]]0 603[[/\]]1	R1, R2, R57, R59, R61, R63, R64, R65, R111, R112, R113, R114	Resistor	RESC1608X06L	Distrele c	715604	Bottom
		100nF[[/\]]						
15	100nF	0603[[/\]]1		Capacitor	RESC1608X06L	Famell	1288255	Bottom
18	BC817-40	BC817-40		NPN General-purpose Transistor	SOT23_N	<u> </u>		Bottom
		10uF[[/\]]0						
2	10uF	603[[/\]]1	C51, C52	Capacitor	RESC1608X06L	Famell	1463375	Bottom
2	18pF	10pF[[/\]]0	C41, C42		RESC1608X06L	Famell	8819815	Bottom
		603[[/\]]3 LED RGB		00.007/0000/		. an ICII	00.0010	
	BT5050RGBC-T180 ITR9909	SMD 2 ITR9909	·	\$0.027/2000k Everlight Opto Interrupter	LEDSMD5 ITR9909_LONG			Bottom Bottom
	SSL-LX3044HD	LED			Led_TH_3mm_20mm			Bottom
		4.7uF[[/\]]						
3	4.7uF	0603[[/\]]1		Capacitor	RESC1608X06L	Famell	9227784	Bottom
		MO7		8-Bit Serial-Input/Serial or Prallel-Output Shift				
3	MC74HC595ADTR2	MC74HC5 95ADTR2	U13, U15, U17	Register with Latched 3- State Outputs	948F-01_N			Bottom
	1.5K	RES		120	RESC1608X06L			Bottom
	22K	RES DMG1012	R7, R8, R9, R10	120 Transistor MOSFET 1 x N,	RESC1608X06L			Bottom
4	DMG1012T	T DMG1013		Pining: 1=G, 2=S, 3=D Transistor MOSFET 1 x P	SOT50P160X80-3N			Bottom
4	DMG1013T	T		Pining: 1=G, 2=S, 3=D	SOT50P160X80-3N			Bottom
	<u> </u>	100K[[/\]]				Distrele		
	100K 1K	0603[[/\]]1 RES	7 7 7 7	Resistor 120, Resistor	RESC1608X06L RESC1608X06L	С	715636	Bottom Bottom
		68K[[/\]]0				Distrele	745699	
	56 10K	603[[/\]]1 RES		Resistor 120	RESC1608X06L RESC1608X06L	C .	715632	Bottom Bottom
	4.7nF	CAP-NP		Capacitor	CAPC1608N			Bottom
		2.2K[[/\]]0 603[[/\]]1,				Distrele		
	2.2K 33	RES		120, Resistor 120, Resistor	RESC1608X06L RESC1608X06L	С	715596	Bottom Bottom
		68K[[/\]]0				Distrele	745000	
	39 27-21SURC/S530-			Resistor SMD Red led right angle	RESC1608X06L	С	715632	Bottom
9	A3	LED	D9, D10, D11, D12, D17, D18, D25, D26, D35	mount 2V@20ma 57mcd	27-21 Everlight			Bottom
4	1.5nF	10nF[[/\]]0 603[[/\]]1	C57	Capacitor	RESC1608X06L	Famell	9406182	Тор
		RES_ACO				. an ICII	20100102	
1	100	RT	R106	Resistance	RESC1608X06N			Тор
1	270K	270K[[/\]] 0603[[/\]]2	R140	Resistor	RESC1608X06L	Famell	9330941	Тор
	47K	22K[[/\]]0		Resistor	RESC1608X06L	Distrele c	715620	Тор
H						-		
1	51pF	10nF[[/\]]0 603[[/\]]1		Capacitor	RESC1608X06L	Famell	9406182	Тор
1	6.8K	10K[[/\]]0 603[[/\]]1	R127	Resistor	RESC1608X06L	Distrele c	715612	Тор
		470K[[/\]]				Distrele		
1	680K	0603[[/\]]1	R125	Resistor	RESC1608X06L	С	715652	Тор
	820	22K[[/\]]0 603[[/\]]1	R131	Resistor	RESC1608X06L	Distrele c	715620	Тор
1	Alstron R3190005- 021-R	USB_MINI AB	x3	USB connector Micro B	Astron 3190005-x21-r			Тор
1	Battery	Battery	BT1	Multicell Battery	BAT-2			Тор
1	Con1x6	Con1x6	X2	1 x 6 pins connector USB/ Charger and Over	MHDR1X6			Тор
1	FAN3988	FAN3988	U23	Voltage Detection Device	MLP 1.45x1mm			Тор
		TSOP322		IR Receiver Module (36 kHz) for Remote Control				<u> </u>
				Systems	IR-receiver			Тор
1	IRM-3636T	36		350mW Audio Power				
	LM4819M or			350mW Audio Power Amplifier with Shutdown Mode	M08A N			Top
			U25	Amplifier with Shutdown Mode 1 MHz, 85 µA Quad Op	M08A_N			Тор
1	LM4819M or NCP2980	LM4819M MCP6L04	U25	Amplifier with Shutdown Mode 1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature				
1	LM4819M or	LM4819M MCP6L04	U25	Amplifier with Shutdown Mode 1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Stand-Alone System Load	M08A_N TSSOP-ST14_N			Тор
1	LM4819M or NCP2980	LM4819M MCP6L04	U25	Amplifier with Shutdown Mode 1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel				
1	LM4819M or NCP2980	LM4819M MCP6L04 T-E/ST	U25	Amplifier with Shutdown Mode  1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Stand-Alone System Load Sharing and Li-lon / Li-Polymer Battery Charge Management Controller,				
1	LM4819M or NCP2980	LM4819M MCP6L04 T-E/ST	U25	Amplifier with Shutdown Mode  Mode  MHZ, 85 µA Quad Op  Amp, 14-Pin TSSOP,  Extended Temperature  Range, Tape and Reel  Stand-Alone System Load  Sharing and Li-Jon/ Li-  Polymer Battery Charge				

				Sharing and Li-lon/Li-				
				Polymer Battery Charge Management Controller,				
		MCP7387		4.2V, 20-Pin QFN,				
1	MCP73871-2AAI/ML	1-2AAI/ML	U21	Industrial Temperature	QFN-ML20_N			Тор
		SD-Card-						
		Micro-						
	MicroSD-Astron	ASLTRON 5190008-		MicroSD Card connector				
1	5190008-XA4-R	XA4-R	S1	5190008-XA4-R	Astron 5190008-XA4-R			Тор
		MMA7660		MMA7660FC: XYZ-AXIS ACCELEROMETER ±1.5	DFN50P300X300X100-			
1	MMA7660FC	FC	U1	g	12N			Тор
1	NCP15XH103F03R C	Res Thermal	RT1	Thermistors - NTC 10K OHM 1% 0402	RESC1005X04L			Тор
	0	· · · ciii · cii		General Purpose 16-Bit	TEGOTOGO, OTE			1.00
				Flash Microcontroller with USB On-The-Go, 64KB				
		PIC24FJ64		Flash, 16KB SRAM, 64-Pin				
1	PIC24FJ64GB106- I/PT	GB106- I/PT	U19	TQFP, Industrial Temperature	TQFP-PT64_N			Тор
- 1	Speaker	Speaker	LS1	Loudspeaker	PIN2			Тор
		SW-PB	\$2	Switch	FSMRA2JH			Тор
				Omnidirectional Back				1.46
	TD4015BPN	Micro1	MC1	Electret Condenser Microphone	MICRO_PANASONIC_ WM-64PN	1		Тор
		4.7K[[/\]]0				Distrele		
10	4.7K	603[[/\]]1	R67, R92, R93, R94, R103, R104, R142, R144, R145, R146	Resistor	RESC1608X06L	С	715604	Тор
		180R[[/\]]				Distrele		
2	180	0603[[/\]]1	R107, R137	Resistor	RESC1608X06L	С	715570	Тор
		100nF[[/\]]				1		
2	1nF	0603[[/\]]1	C53, C54	Capacitor	RESC1608X06L	Famell	1288255	Тор
		10nF[[/\]]0				L.		
		603[[/\]]1, 470nF[[/\]]				Distrele		
2	47nF	0603[[/\]]1	C58, C59	Capacitor	RESC1608X06L	c, Famell	823494, 9406182	Тор
		2.2K[[/\]]0		Daniston.		Distrele	745500	
- 2	5.6K	603[[/\]]1	R115, R116	Resistor Schottky Barrier Double	RESC1608X06L	c	715596	Тор
2	BAT54S	BAT54S	D33, D34	Diode Diode	SOT23_N	1		Тор
	BT5050RGBC-T180	LED RGB SMD 2	D27, D38	\$0.027/2000k	LEDSMD5			Ton
	B15050RGBC-1160	SIVID 2	D27, D36	8-Bit Serial-Input/Serial or	LEDSINDS			Тор
				Prallel-Output Shift		1		
2	MC74HC595ADTR2	MC74HC5 95ADTR2	U14, U16	Register with Latched 3- State Outputs	948F-01_N	1		Тор
	Motor	Motor	B1, B2	Motor, General Kind	RB5-10.5	1		Тор
<b>-</b>			·	,				-
24	100nF	100nF[[/\]]	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
21	.50111	Jooog[[/\]]T		NPN General-purpose		i annen	1200200	· op
	BC817-40	BC817-40	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	Transistor	SOT23_N			Тор
3	1.5K	RES	R26, R46, R47	120	RESC1608X06L			Тор
		10K[[/\1]0						
		10K[[/\]]0 603[[/\]]1,						
3		603[[/\]]1, 100K[[/\]]	R138, R139, R141	Resistor	RESC1608X06I	Distrele c	715612, 715636	Тор
3		603[[/\]]1, 100K[[/\]] 0603[[/\]]1	R138, R139, R141	Resistor	RESC1608X06L	Distrele c	715612, 715636	Тор
3	100K	603[[/\]]1, 100K[[/\]] 0603[[/\]]1 1uF[[/\]]06	R138, R139, R141	Resistor	RESC1608X06L	С	715612, 715636	Тор
	100K	603[[/\]]1, 100K[[/\]] 0603[[/\]]1 1uF[[/\]]06 03[[/\]]1, 4.7uF[[/\]]				c Distrele c,		
	100K	603[[/\]]1, 100K[[/\]] 0603[[/\]]1 1uF[[/\]]06 03[[/\]]1,	R138, R139, R141	Resistor  Capacitor	RESC1608X06L	С	715612, 715636 823495, 9227784	Тор
	100K	603[[/\]]1, 100K[[/\]] 0603[[/\]]1 1uF[[/\]]06 03[[/\]]1, 4.7uF[[/\]]		Capacitor		c Distrele c,		
3	100K 1uF 27-21/BHC- AN1P2/3C	603[[/\]]1, 100K[[/\]] 0603[[/\]]1 1uF[[/\]]06 03[[/\]]1, 4.7uF[[/\]]		Capacitor  SMD Blue led right angle mount 3.3V@20ma 28mcd	RESC1608X06L	c Distrele c,		
3	100K 1uF 27-21/BHC- AN1P2/3C 27-21SURC/S530-	603[[/]]1, 100K[[/]] 0603[[/]]1 1uF[[/\]]06 03[[/\]]1, 4.7uF[[/\]] 0603[[/\]]1	C56, C60, C61  D8, D31, D37	Capacitor  SMD Blue led right angle mount 3.3\@20ma 28mcd SMD Red led right angle	RESC1608X06L 27-21 Everlight Blue	c Distrele c,		Тор
3	100K 1uF 27-21/BHC- AN1P2/3C	603[[/]]1, 100K[[/]] 0603[[/]]1 1uF[[/]]06 03[[/]]1, 4.7uF[[/]] 0603[[/]]1	C56, C60, C61	Capacitor  SMD Blue led right angle mount 3.3V@20ma 28mcd SMD Red led right angle mount 2V@20ma 57mcd 300mA, Low Quiescent	RESC1608X06L	c Distrele c,		Тор
3 3	100K 1uF 27-21/BHC- AN1P2/3C 27-21SURC/S530- A3	603[[/]]1, 100K[[/]] 0603[[/]]1 1uF[[/]]06 03[[/]]1, 4.7uF[[/]] 0603[[/]]1	C56, C80, C61  D8, D31, D37  D7, D32, D36	Capacitor  SMD Blue led right angle mount 3.3 V@20ma 28mcd SMD Red led right angle mount 2 V@20ma 57mcd 300mA, Low Quiescent Current, Fast Transient	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight	c Distrele c,		Тор Тор
3 3	100K 1uF 27-21/BHC- AN1P2/3C 27-21SURC/S530-	603[[/]]1, 100K[[/]] 0603[[/]]1 1uF[[/\]]06 03[[/\]]1, 4.7uF[[/\]] 0603[[/\]]1	C56, C60, C61  D8, D31, D37	Capacitor  SMD Blue led right angle mount 3.3/@20ma 28mod SMD Red led right angle mount 2V@20ma 57mod 300mA, Low Quiescent Current, Fast Transient LDO	RESC1608X06L 27-21 Everlight Blue	c Distrele c,		Тор
3 3 3	100K 1uF 27-21/BHC- AN1P2/3C 27-21/SURC/SS30- A3 AP7331-33WG-7	603[[/\]]1, 100K[[/\]]0603[[/\]]1 1uF[[/\]]0603[[/\]]1, 4.7uF[[/\]]0603[[/\]]1 LED LED AP7331	D8, D31, D37 D7, D32, D36 U18, U22, U24	Capacitor  SMD Blue led right angle mount 3.3V@20ms 28mod SMD Red led right angle mount 2.7@20ms 57mod 30mA; Low Quiescent Current, Fast Transient LDO  LED Standard - CMS  Helios SMD Green 570mm	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N	c Distrele c,		Тор Тор Тор
3 3 3	100K 1uF 27-21/BHC- AN1P2/3C 27-21SURC/S530- A3	603[/\]1, 100K[(\)] 100K[(\)] 10F[(\)] 10603[(\)] 14.7uF[(\)] 10603[(\)] 1. LED LED  AP7331  LED	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30	Capacitor  SMD Blue led right angle mount 3.3/@20ma 28mod SMD Red led right angle mount 2V@20ma 57mod 300mA, Low Quiescent Current, Fast Transient LDO	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight	c Distrele c,		Тор Тор
3 3 3	100K 1uF 27-21/BHC- AN1P2/3C 27-21SURC/S530- A3 AP7331-33WG-7 APTD1608CGCK	603[/\]1, 100K[(\n]) 0603[[\n]]1 1uF[[\n])06 03[[\n]]1, 4.7uF[[\n]) 0603[[\n]]1 LED  AP7331  LED  10uF[[\n]]07	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30	Capacitor  SMD Blue led right angle mount 3.3/@20ma 28mod SMD Red led right angle mount 2/@20ma 57mod 30mA Low Quiescent Current, Fast Transient LDO LED standard - CMS Helios SMD Green 570nm 230mcd	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N	c Distrele c, Famell	823495, 9227784	Top Top Top Top Top
3 3 3	100K  1uF  27-21/BHC- AN1P2/3C  27-21SURC/S530- A3  AP7331-33WG-7  APTD1608C3CK  10uF	603[/\]1, 100K[(\n]) 0603[[\n]]1 1uF[[\n])06 03[[\n]]1, 4.7uF[[\n]) 0603[[\n]]1 LED  AP7331  LED  10uF[[\n]]07	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30	Capacitor  SMD Blue led right angle mount 3.3V@20ma 28mcd SMD Red led right angle mount 2.V@20ma 57mcd 30mA, Low Quiescent Current, Fast Transient LDO  LED Standard - CMS Helios SMD Green 570nm 230mcd  Capacitor	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N	c Distrele c,		Тор Тор Тор
3 3 3	100K 1uF 27-21/BHC- AN1P2/3C 27-21SURC/S530- A3 AP7331-33WG-7 APTD1608CGCK	603[[/]]1, 100K[[/]] 0603[[/]]1 1uF[[/]]06 03[[/]]1, 4.7uF[[/]] 0603[[/]]1 LED  LED  AP7331  LED  10uF[[/]]0 603[[/]]1	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30	Capacitor  SMD Blue led right angle mount 3.3/@20ma 28mod SMD Red led right angle mount 2/@20ma 57mod 30mA Low Quiescent Current, Fast Transient LDO LED standard - CMS Helios SMD Green 570nm 230mcd	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N	c Distrele c, Famell	823495, 9227784	Top Top Top Top Top
3 3 3	100K  1uF  27-21/BHC- AN1P2/3C  Z7-21SURC/S530- A3  AP7331-33WG-7  APTD1608CGCK  10uF  13-2-1SURC/S530- A3/TR8	603[[/\]]1, 100K[[/\]] 0603[[/\]]1 1uF[[/\]]06 03[[/\]]1, 4.7uF[[/\]] 0603[[/\]]1 LED  LED  10uF[[/\]]0 10uF[[/\]]0 LED	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, C46	Capacitor  SMD Blue led right angle mount 3.3/@20ma 28mcd SMD Red led right angle mount 2.0/@20ma 57mcd 30mA, Low Quiescent Current, Fast Transient LOO  LED standard - CMS Habit SMD Green 570nm 230mcd CMS SMD CREEN SMD CREEN SMD	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L	c Distrele c, Famell	823495, 9227784	Тор Тор Тор Тор Тор Тор Тор
3 3 3 3 3 4 4	100K  1uF  27-21/BHC- AN1P2/3C  Z7-21SURC/S530- A3  AP7331-33WG-7  APTD1608CGCK  10uF  13-2-1SURC/S530- A3/TR8	605[/\]1, 605[/\]1, 100K[/\]1, 100K[/\]1, 1uF[/\]0603[/\]1, 14-7uF[/\]0603[/\]1, LED  AP7331  LED  10uF[/\]0603[/\]1, LED  1v[[/\]0603[/\]1, RES	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, C46	Capacitor  SMD Blue led right angle mount 3.3/@20ma 28mcd SMD Red led right angle mount 2.0/@20ma 57mcd 30mA, Low Quiescent Current, Fast Transient LOO  LED standard - CMS Habit SMD Green 570nm 230mcd CMS SMD CREEN SMD CREEN SMD	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L	c Distrele c, Famell	823495, 9227784	Тор Тор Тор Тор Тор Тор Тор
3 3 3 3 3 4 4	100K  1uF  27-21/BHC- AN1P2/3C  27-21SURC/S530- A3  AP7331-33WG-7  APTD1608CGCK  10uF  192-1SURC/S530- A3/TR8	603[/\]1, 100K[[\\]] 0603[\\]1 1uF[[\\]]0603[\\]1, 4.7uF[[\\]]0603[\\]1, LED  LED  AP7331  LED  10uF[[\\]]0603[\\]1, LED  LED  17K[[\\]]0603[\\]1, RES 22K[[\\]]07	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, C46  D1, D3, D4, D5	Capacitor  SMD Blue led right angle mount 3.3/@20ma 28mod SMD Red led right angle mount 2V@20ma 57mod 300mA, Low Quiescent Current, Fast Transient LDO  LED standard - CMS Helios SMD Green 570nm 230mod Capacitor SMD Red 0603 2V@20ma 55 mod	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N	c Distrele c, Famell Famell Distrele c	823495, 9227784 1463375	Top Top Top Top Top Top Top Top
3 3 3 3 4 4 4	100K  1uF  27-21/BHC- AN1P2/3C  27-21SURC/S530- A3  AP7331-33WG-7  APTD1608CGCK  10uF  192-1SURC/S530- A3/TR8	605[/\]1, 605[/\]1, 100K[/\]1, 100K[/\]1, 1uF[/\]0603[/\]1, 14-7uF[/\]0603[/\]1, LED  AP7331  LED  10uF[/\]0603[/\]1, LED  1v[[/\]0603[/\]1, RES	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, C46  D1, D3, D4, D5	Capacitor  SMD Blue led right angle mount 3.3/@20ma 28mod SMD Red led right angle mount 2V@20ma 57mod 300mA, Low Quiescent Current, Fast Transient LDO  LED standard - CMS Helios SMD Green 570nm 230mod Capacitor SMD Red 0603 2V@20ma 55 mod	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N	c Distrele c, Famell	823495, 9227784 1463375	Top Top Top Top Top Top Top Top
3 3 3 3 4 4 4	100K  1uF  27.21/BHC- AN1P2/3C  27.21SURC/SS30- AS  AP7331-33WG-7  APTD16080GCK  10uF  19.21SURC/SS30- AS/TR8  1K	603[(/)]1, 100K[(A)] 100K[(A)] 100K[(A)] 100K[(A)] 100K[(A)] 104K[(A)] 100K[(A)] 10K[(A)] 10K[	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, C46  D1, D3, D4, D5  R25, R48, R49, R108  R11, R42, R43, R130	Capacitor  SMD Blue led right angle mount 3 x/@20ma 28mcd SMD Red led right angle mount 2 x/@20ma 57mcd 30mA, Low Quiescent Current, Fast Transient LOO  LED standard - CMS Helios SMD Green 570mz 230mcd  Capacitor  SMD Red 0803 2V@20ma 55 mcd  120, Resistor	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N  RESC1608X06L  RESC1608X06L	c Distrele c, Famell Famell Distrele c	823495, 9227784 1463375 715588	Top
3 3 3 3 4 4 4 4 4 4 6 6 6	100K  1uF  27-21/BHC- AN1/E2/3C  27-21/SURC/S530- A3  AP7331-33WG-7  APTD1608CGCK  10uF  19-2-1SURC/S530- A3/178  1K  22K  39	603[/\]1, 100K[[\hat{\hat{\hat{\hat{\hat{\hat{\hat{	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, C46  D1, D3, D4, D5  R25, R48, R49, R108  R11, R42, R43, R130  R66, R86, R87, R88, R89, R134	Capacitor  SMD Blue led right angle mount 3 x/@20ma 26mcd SMD Red led right angle mount 2 v@20ma 57mcd John S7mcd John S7mcd John S7mcd Lorent, Fast Transient LOO  LED standard - CMS Helios SMD Green 570nm 230mcd  Capacitor  SMD Red 0603 2V@20ma 55 mcd  120, Resistor  Resistor	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L	C Distrele c, Famell Famell Distrele c Distrele c	823495, 9227784 1463375	Top
3 3 3 3 4 4 4 4 4 4 6 6 6	100K  1uF  27-21/IBHC-AN1P2/3C  27-21SURC/SS30-A3  AP7331-33WG-7  APTD1608CGCK  10uF 19-21SURC/SS30-A3/1R8  1K  22K  39 6.2	603[[/]]1, 1004[[/]] 1004[[/]] 1006[[/]]1 10F[[/]]0 603[[/]]1 1-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, C46  D1, D3, D4, D5  R25, R48, R49, R108  R11, R42, R43, R130	Capacitor  SMD Blue led right angle mount 3 x/@20ma 28mcd SMD Red led right angle mount 2 x/@20ma 57mcd 30mA, Low Quiescent Current, Fast Transient LOO  LED standard - CMS Helios SMD Green 570mz 230mcd  Capacitor  SMD Red 0803 2V@20ma 55 mcd  120, Resistor	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L	C Distrele c, Famell Famell Distrele c Distrele c	823495, 9227784 1463375 715588 715620 715632	Top
3 3 3 3 3 4 4 4 4 4 6 6 6 6 7 7	100K  1uF  27-21/BHC- AN1P2/3C  27-21/SURC/S530- A3  AP7331-33WG-7  APTD1608CGCK  10uF  19-21SURC/S530- A3/TR8  1K  22K  39  6.2  2.2K	603[(/)]1, 1004[(/)] 1004[(/)] 1004[(/)] 1004[(/)] 1004[(/)] 1004[(/)] 100603[(/)]1, 1004[(/)] 1004[(/)]1 1004	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, 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	Capacitor  SMD Blue led right angle mount 3.3 v@20ma 28mcd SMD Red led right angle mount 2.0 mg 2.0	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L	c Distrele C, Famell Distrele C Distrele C C	823495, 9227784 1463375 715588	Top
3 3 3 3 3 4 4 4 4 4 6 6 6 6 7 7	100K  1uF  27.21/BHC- AN1P2/3C  27.21SURC/S530- AS  AP7331-33WG-7  APTD16080GCK  10uF  19.21SURC/S530- AS/TR8  1K  22K  39  6.2  2.2K  ITR9909	603[/\]1, 100K[[\hat{\hat{\hat{\hat{\hat{\hat{\hat{	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, 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  SMD Blue led right angle mount 3 x/@20ma 28mcd SMD Red led right angle mount 2x/@20ma 57mcd 30mA, Low Quiescent Current, Fast Transient LDO  LED standard - CMS Helios SMD Green 570nm 230mcd  Capacitor  SMD Red 0603 2V@20ma 55 mcd  120, Resistor  Resistor	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L	c Distrele C, Famell Distrele C Distrele C C	823495, 9227784 1463375 715588 715620 715632	Top
3 3 3 3 3 4 4 4 4 4 6 6 6 6 7 7	100K  1uF  27.21/BHC- AN1P2/3C  27.21SURC/S530- AS  AP7331-33WG-7  APTD16080GCK  10uF  19.21SURC/S530- AS/TR8  1K  22K  39  6.2  2.2K  ITR9909	603[/\]1, 100K[[\hat{\hat{\hat{\hat{\hat{\hat{\hat{	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, 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	Capacitor  SMD Blue led right angle mount 3.3 v@20ma 28mcd SMD Red led right angle mount 2.0 mg 2.0	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L	c Distrele C, Famell Distrele C Distrele C Distrele C Distrele C	823495, 9227784 1463375 715588 715620 715632	Top
3 3 3 3 4 4 4 4 6 6 6 7 7	100K  1uF  27.21/BHC- AN1P2/3C  27.21SURC/S530- AS  AP7331-33WG-7  APTD16080GCK  10uF  19.21SURC/S530- AS/TR8  1K  22K  39  6.2  2.2K  ITR9909	603[(/)]1, 1004[(/)] 1004[(/)] 1004[(/)] 1004[(/)] 1004[(/)] 1004[(/)] 100603[(/)]1, 1004[(/)] 1004[(/)]1 1004	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, 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	Capacitor  SMD Blue led right angle mount 3.3 v@20ma 28mcd SMD Red led right angle mount 2.0 mg 2.0	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L	c Distrele C, Famell Distrele C Distrele C C	823495, 9227784 1463375 715588 715620 715632	Top
3 3 3 3 4 4 4 4 6 6 6 7 7	100K  1uF  27-21/BHC- AM1P2/3C  27-27SURC/S530- AS  AP7331-33WG-7  APTD16080GCK  10uF  19-21SURC/S530- AS/TR8  1K  22K  39  6-2  2.2K  iTR9909	603[(/)]1, 100A[[/]] 100A[[/]] 100A[[/]] 100A[[/]] 100A[[/]] 10A[[/]] 10A[[	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, C46  D1, D3, D4, D5  R25, R48, R49, R108  R11, R42, R43, R130  R66, R66, R67, R88, R89, R134  R36, R37, R39, R40, R54, R55  R32, R34, R35, R41, R52, R53, R126  U6, U7, U8, U9, U10, U11, U12	Capacitor  SMD Blue led right angle mount 3.3 v@20ma 28mod SMD Red led right angle mount 2.5 v@20ma 28mod 35mod 30mA Low Quiescent Current, Fast Transient LDO  LED standard - CMS Helios SMD Green 570nm 230mod  Capacitor  SMD Red 0603 2V@20ma 56 mod 120, Resistor  120, Resistor  Resistor  120 Resistor  Everlight Opto Interrupter	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L	c Distrele C, Famell Distrele C Distrele C Distrele C Distrele C	823495, 9227784  1463375  715588  715632  715596	Top
3 3 3 3 3 4 4 4 4 6 6 6 7 7	100K  1uF  27-21/BHC- AM1P2/3C  27-21SURC/S530- AS  AP7331-33WG-7  APTD1608CGCK  10uF  19-21SURC/S530- A3/TR8  1K  22K  39  6.2  2.2K  ITR9909  33  4.7uF	603[(/)]1,   100x[(/)]   100x[(/)]   100x[(/)]   100x[(/)]   100x[(/)]   10x[(/)]   10	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, 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  U6, U7, U8, U9, U10, U11, U12  R98, R99, R100, R135, R147, R148, R149, R150	Capacitor  SMD Blue led right angle mount 3.3 v@20ma 28mod SMD Red led right angle mount 2.5 v@20ma 28mod 35mod 30mA Low Quiescent Current, Fast Transient LDO  LED standard - CMS Helios SMD Green 570nm 230mod  Capacitor  SMD Red 0603 2V@20ma 56 mod 120, Resistor  120, Resistor  Resistor  120 Resistor  Everlight Opto Interrupter	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L	c Distrele c Fameil	823495, 9227784  1463375  715588  715632  715596	Top
3 3 3 3 3 4 4 4 4 6 6 6 7 7 7	100K  1uF  27-21/BHC- AM1P2/3C  27-21SURC/S530- AS  AP7331-33WG-7  APTD1608CGCK  10uF  19-21SURC/S530- A3/TR8  1K  22K  39  6.2  2.2K  ITR9909  33  4.7uF	603[(/)]1,   100x[(/)]   100x[(/)]   100x[(/)]   100x[(/)]   100x[(/)]   10x[(/)]   10	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, 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  U6, U7, U8, U9, U10, U11, U12  R96, R99, R100, R135, R147, R148, R149, R150  C31, C32, C44, C45, C47, C48, C49, C50	Capacitor  SMD Blue led right angle mount 3 x/@20ma 28mcd SMD Red led right angle mount 2 x/@20ma 28mcd SMD Red led right angle mount 2 x/@20ma 57mcd LO Capacitor SMD Green 570mm 230mcd  Capacitor SMD Red 0603 2 x/@20ma 55 mcd  120, Resistor  120, Resistor  Resistor  120, Resistor  Everlight Opto Interrupter  120, Resistor  Led Standard - CAPS  Resistor  Led Standard - CAPS  Resistor  Led Resistor	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N  RESC1608X06L	c Distrele C, Famell Distrele C Distrele C Distrele C Distrele C	823495, 9227784  1463375  715588  715620  715632  715632  9227784	Top
3 3 3 3 3 4 4 4 4 6 6 6 7 7 7	100K  1uF  27-21/BHC- AM1P2/3C  27-21SURC/S530- AS  AP7331-33WG-7  APTD1608CGCK  10uF  19-21SURC/S530- A3/TR8  1K  22K  39  6.2  2.2K  ITR9909  33  4.7uF	603[//]1, 1004[[/]] 1004[[/]] 1006[[/]] 1006[[/]] 14-[[/]] 0603[[/]] 1-4-704[[/]] 0603[[/]] LED  LED  AP7331  LED  1004[[/]] 1040[[/]] 1050[[/]] 10603[[/]	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, 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  U6, U7, U8, U9, U10, U11, U12  R98, R99, R100, R135, R147, R148, R149, R150	Capacitor  SMD Blue led right angle mount 3 3V@20ms 28mcd SMD Red led right angle mount 2 V@20ms 28mcd SMD Red led right angle mount 2 V@20ms 57mcd Current, Fast Transient LDO  LED standard - CMS Helios SMD Green 570nm 230mcd  Capacitor  SMD Red 0603 2V@20ms 58 mcd  120, Resistor  120, Resistor  Resistor  Resistor  120, Resistor  120, Resistor  120, Resistor  120, Resistor  120, Resistor  Resistor  LON Resistor  Resistor  Resistor  LON Resistor  Resistor  Resistor  Resistor  Resistor  Resistor  Resistor	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L  RESC1608X06L	c Distrele c Fameil	823495, 9227784  1463375  715588  715620  715632	Top
3 3 3 3 4 4 4 4 4 6 6 6 7 7 7	100K  1uF  27-21/BHC- AN1P2/3C  27-21SURC/S530- A3  AP7331-33WG-7  APTD1608CGCK  10uF 19-21SURC/S530- A3/TR8  1K  22K 39 6-2 2.2K 1TR9909  33  4.7uF 56	603[[/]]1,   100K[[/]]   100	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, 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  U6, U7, U8, U9, U10, U11, U12  R96, R99, R100, R135, R147, R148, R149, R150  C31, C32, C44, C45, C47, C48, C49, C50  R56, R58, R60, R62, R78, R79, R80, R81	Capacitor  SMD Blue led right angle mount 3.3/@20ma 28mcd SMD Red led right angle mount 23.0/@20ma 28mcd SMD Red led right angle mount 2/@20ma 57mcd LID Standard - CMS Helios SMD Green 570nm 230mcd  Capacitor  SMD Red 0603 2/@20ma 55 mcd  120, Resistor	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight Blue  27-21 Everlight SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X06L  RESC1608X06L	c Distrele c Fameil	823495, 9227784  1463375  715588  715620  715632  715632  9227784	Top
3 3 3 3 4 4 4 4 6 6 6 7 7 7	100K  1uF  27-21/BHC- AN1P2/3C  27-27SURC/SS30-A3  AP7331-33WG-7  APTD1608CGCK  10uF  19-21SURC/SS30-A3/TR8  1K  22K  39  6-2  2.2K  1TR9909  33  4.7uF  56  APTD1608SYCK	603[(/)]1, 100K[(A)] 100K[	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, C46  D1, D3, D4, D5  R25, R48, R49, R108  R11, R42, R43, R130  R66, R86, R87, R88, R89, R134  R36, R87, R88, R89, R134  R36, R87, R39, R40, R54, R55  R32, R34, R35, R41, R52, R53, R126  U6, U7, U8, U9, U10, U11, U12  R98, R99, R100, R135, R147, R148, R149, R150  C31, C32, C44, C45, C47, C48, C49, C50  R56, R58, R60, R62, R78, R79, R80, R81	Capacitor  SMD Blue led right angle mount 3.3V@20ms 28mcd SMD Red led right angle mount 3.3V@20ms 28mcd SMD Red led right angle mount 2.V@20ms 57mcd 20mch, Low Quiescent Current, Fast Transient LDO  LED standard - CMS Helios SMD Green 570nm 230mcd  Capacitor  SMD Red 0603 2V@20ms 56 mcd  120, Resistor  120, Resistor  120, Resistor  120, Resistor  120, Resistor  LOS Resistor	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N  RESC1608X06L  RESC1608X06L	C Distrele C Famell  Distrele C	823495, 9227784  1463375  715588  715632  715632  9227784  715632	Top
3 3 3 3 4 4 4 4 6 6 6 7 7 7	100K  1uF  27-21/BHC- AN1P2/3C  27-21SURC/S530- A3  AP7331-33WG-7  APTD1608CGCK  10uF 19-21SURC/S530- A3/TR8  1K  22K 39 6-2 2.2K 1TR9909  33  4.7uF 56	603[(/)]1, 100K[(A)] 100K[	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, 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  U6, U7, U8, U9, U10, U11, U12  R96, R99, R100, R135, R147, R148, R149, R150  C31, C32, C44, C45, C47, C48, C49, C50  R56, R58, R60, R62, R78, R79, R80, R81	Capacitor  SMD Blue led right angle mount 3.3/@20ma 28mcd SMD Red led right angle mount 23.0/@20ma 28mcd SMD Red led right angle mount 2/@20ma 57mcd LID Standard - CMS Helios SMD Green 570nm 230mcd  Capacitor  SMD Red 0603 2/@20ma 55 mcd  120, Resistor	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight Blue  27-21 Everlight SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X06L  RESC1608X06L	C Distrele C Famell  Distrele C	823495, 9227784  1463375  715588  715620  715632  715632  9227784	Top
3 3 3 3 4 4 4 4 6 6 6 7 7 7	100K  1uF  27-21/BHC- AN1P2/3C  27-27SURC/SS30-A3  AP7331-33WG-7  APTD1608CGCK  10uF  19-21SURC/SS30-A3/TR8  1K  22K  39  6-2  2.2K  1TR9909  33  4.7uF  56  APTD1608SYCK	603[(/)]1, 100K[(A)] 100K[	C56, C60, C61  D8, D31, D37  D7, D32, D36  U18, U22, U24  D28, D29, D30  C2, C4, C34, C46  D1, D3, D4, D5  R25, R48, R49, R108  R11, R42, R43, R130  R66, R86, R87, R88, R89, R134  R36, R87, R88, R89, R134  R36, R87, R39, R40, R54, R55  R32, R34, R35, R41, R52, R53, R126  U6, U7, U8, U9, U10, U11, U12  R98, R99, R100, R135, R147, R148, R149, R150  C31, C32, C44, C45, C47, C48, C49, C50  R56, R58, R60, R62, R78, R79, R80, R81	Capacitor  SMD Blue led right angle mount 3.3V@20ms 28mcd SMD Red led right angle mount 3.3V@20ms 28mcd SMD Red led right angle mount 2.V@20ms 57mcd 20mch, Low Quiescent Current, Fast Transient LDO  LED standard - CMS Helios SMD Green 570nm 230mcd  Capacitor  SMD Red 0603 2V@20ms 56 mcd  120, Resistor  120, Resistor  120, Resistor  120, Resistor  120, Resistor  LOS Resistor	RESC1608X06L  27-21 Everlight Blue  27-21 Everlight  SOT95P285X100-5N  DIOC1608X08N  RESC1608X06L  DIOC1608X08N  RESC1608X06L  RESC1608X06L	C Distrele C Famell  Distrele C	823495, 9227784  1463375  715588  715632  715632  9227784  715632	Top