





















						Suppi		
Quantity 1	Comment 100	LibRef RES_AC ORT	Designator R105	Description Resistance	Footprint RESC1608X06N	er	Supplier Nr	Layer Bottom
1	1uF	1uF[[/\]] 0603[[/\]]1	063	Capacitor	RESC1608X06L	Distrel ec	823495	Bottom
1	4.7uF	4. /ur[[/:][0603[[/ \]]]1	C43	Capacitor	RESC1608X06L	Fanel	9227784	Bottom
1	6.2 815.ARI S.R.R2	RES HC49/4	R38	120 Surface Mount Quartz Crystal 8Mhz	RESC1608X06L			Bottom
1	Con1x6	H_SMX Contrib_ 1	Y1 X1	1 x 6 pins connector	HC49/4H_SMX TYCO_7-215079-6			Bottom
				1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended				
- 1	MOP6L04T-E/ST	MCP6L0 4T-E/ST 4.7K[[/1]	U4	TSSOP, Extended Temperature Range, Tape and Reel	TSSOP-ST14_N			Bottom
12	4.7K)0603[[/\]]1 68K[[/\]]	R1, R2, R57, R59, R61, R63, R64, R65, R111, R112, R113, R114	Resistor	RESC1608X06L	Distrel ec	715604	Bottom
14	68	68K[[/\]] 0603[[/\]]1	R74, R75, R76, R77, R82, R83, R84, R85, R90, R91, R95, R96, R97, R133	Resistor	RESC1608X06L	Distrel ec	715632	Bottom
15	100nF	100nF[[/ \]]0603[[/\]]1 BC81/-	05, C7, C8, C9, C14, C22, C25, C26, C28, C30, C55, C68, C69, C70, C71	Capacitor NPN General-purpose	RESC1608X06L	Fanel	1288255	Bottom
18	BC817-40	40 10ur([/\])0603[[/\	Q1, Q2, Q3, Q4, Q7, Q12, Q19, Q20, Q21, Q22, Q23, Q24, Q25, Q26, Q27, Q28, Q29, Q30	Transistor	SOT23_N			Bottom
2	10uF	JJ1 10661161	051, 052	Capacitor	RESC1608X06L	Fanel	1463375	Bottom
2	18pF	II3 J0603[[\ J061]	G61, C42		RESC1608X06L	Fanel	8819815	Bottom
2	BT5050RGBC- T180	RGB SMD 2	D2, D6	\$0.027/2000k Evengre Opto	LEDSMD5			Bottom
2	SSL-LX3044HD	ITR9909 LED	U2, U3 D19, D20	Interrupter Red led 2V@20ma 57mcd	ITR9909_LONG Led_TH_3mm_20m m			Bottom Bottom
3	LTST-S220KGKT	LED	D28, D29, D30	SMD Green led right angle mount 2V@20ma 35mcd	LITEON-sideview			Bottom
		мс74нс		8-Bit Senai- Input/Serial or Prailel- Output Shift Register				
3	MC74HC595ADT R2	MC74HC 595ADT R2 RES	U13, U15, U17 R17, R18, R19, R20	Input/Serial or Prallel- Output Shift Register with Latched 3-State Outputs	948F-01_N RESC1608X06L			Bottom Bottom
4	22k	RES	R7, R8, R9, R10	120	RESC1608X06L			Bottom
4	DMG1012T	DMG101 2T	T5, T6, T7, T8	x N, Pining : 1=G, 2=S, 3=D Transistor MOSPET 1	SOT50P160X80-3N			Bottom
4	DMG1013T	DMG101 3T	T1, T2, T3, T4	x P Pining : 1=G, 2=S, 3=D	SOT50P160X80-3N			Bottom
6	100K]]1]]1	R119, R120, R121, R122, R123, R124	Resistor	RESC1608X06L	Distrel ec	715636	Bottom
7	1k 10k	RES RES	R4, R6, R21, R22, R23, R24 R27, R28, R29, R30, R31, R50, R51	120, Resistor 120	RESC1608X06L RESC1608X06L			Bottom Bottom
7	4.7nF	2.2K[[/\]	C15, C16, C17, C18, C19, C20, C21	Capacitor	CAPC1608N			Bottom
8	2.2k	2.2K[[/\])0603[[/\][1, RES	R12, R13, R14, R15, R16, R33, R44, R46 R3, R5, R68, R90, R70, R71, R72, R73	120, Resistor 120, Resistor	RESC1608X06L RESC1608X06L	Distrel ec	715596	Bottom Bottom
8	27- 21SURC/S530-	RES		120, Resistor SMD Red led right angle mount				
9	45-5	100+[[/:] 10603[[/:	D8, D10, D11, D12, D17, D18, D25, D26, D35	2V@20ma 57mcd	27-21 Everlight RESC1608X06L		0400400	Bottom
- 1	1.5nF	JJ1 470nF[[/ \]]0603[[057	Capacitor		Famel Distrel	9406182	Тор
1	220nF 27-21/BHC-	/\]]1	CG8	Capacitor SMD Blue led right angle mount	RESC1608X06L	ec	823494	Тор
- 1	AN1P2/3C	LED 270KQ[/\ TO603II/	037	3.3V@20ma 28mcd	27-21 Everlight Blue			Тор
1	270K	0603 / 1 2 470K / 10603 /	R140	Resistor	RESC1608X06L	Famel	9330941	Тор
1	470K]]0603[[/ \]]1 22K[[/\]]	R125	Resistor	RESC1608X06L	Distrel ec	715652	Тор
1	47K	0603[[/\]]1 1UN-[[/\]	R132	Resistor	RESC1608X06L	Distrel ec	715620	Тор
1	47nF)0603[[/\]]1 10nF[[/\]	C59	Capacitor	RESC1608X06L	Fanel	9406182	Тор
1	51pF	10nF[[/\])0603[[/\]]1 22K[[/\]]	084	Capacitor	RESC1608X06L	Fanel	9406182	Тор
1	820	0603[[/\]]1	R131	Resistor	RESC1608X06L	Distrel ec	715620	Тор
1	2nF	\]]0603[[/\]]]1	062	Capacitor USB connector Micro	RESC1608X06L Astron 3190005-x21-	Fanel	1288255	Тор
1	R3190005-021-R Battery	USB_MI NIAB Battery	X3 BT1	Multicel Battery	BAT-2			Тар Тар
1	BT5050RGBC- T180	RGB SMD 2	027	\$0.027/2000k	LEDSMD5			Тар
1	Con1x6	Con1x6	X2	1 x 6 pins connector USB/ Charger and	MHDR1X6			Тор
1	FAN3988	FAN398 8	U23	Over Voltage Detection Device IR Receiver Module (36 kHz) for Remote	MLP 1.45x1mm			Тор
1	IRM-3636T	TSOP32 236	U20	South Audio Power	IR-receiver			Тор
1	LM4819M or NCP2980	LM4819 M	U25	Amplifier with Shutdown Mode 1 MHz, 85 µA Quad	M08A_N			Тор
		MCP6L0		1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range,				
1	MCP6L04T-E/ST	4T-E/ST	US	Tape and Reel Stand-Alone System Load Sharing and Li-	TSSOP-ST14_N			Тор
		MCP738		Charne Management				
1	MCP73871- 2AAI/ML	71- 2AAVML	1221	Controller, 4.2V, 20- Pin QFN, Industrial Temperature	QFN-ML20_N			Тор
		Micro- ASLTRO		MicroSD Card				
1	MicroSD-Astron 5190008-XA4-R	5190008 XA4-R	St	connector 5190008- XA4-R	Astron 5190008-XA4 R			Тор
		MMA766		AXIS ACCELEROMETER	DFN50P300X300X1			
1	MMA7660FC NCP15XH1U3FU 3RC	OFC Res Thermal	UI RTI	±1.5 g Thermissors - NTC TUR OHM 1%0402	00-12N RESC1005X04L			Тор
				General Purpose 16- Bit Flash Microcontroller with				
	PIC24FJ64GB10	PIC24FJ 64GB10 6-I/PT		USB On-The-Go, 64KB Flash, 16KB SRAM, 64-Pin TQFP, Industrial Temperature				
1	PIC24FJ64GB10 6-I/PT Speaker	6-I/PT Speaker	U19 LS1	Industrial Temperature Loudspeaker	TQFP-PT64_N PIN2			Тор Тор
1	SW-PB	SW-PB	82	Switch Omnibiectional Back Electret Condenser	FSMRA2JH MICRO_PANASONI	F		Тор
1	TD4015BPN	Micro1 68K[[/\]]	MC1	Electret Condenser Microphone	MICRO_PANASONI C_WM64PN	Distrel		Тор
16	68	0603[[/\]]1 1uF[[/\]] 0603[[/\]	R56, R58, R60, R62, R66, R67, R78, R79, R80, R81, R86, R87, R88, R89, R134, R135	Resistor	RESC1608X06L	ec	715632	Тор
2	1uF]1 2.28/(/)	C80, C61	Capacitor	RESC1608X06L	Distrel ec	823495	Тор
2	2.7K)0603[[/\]]1 8.2K[[/\]	R115, R116	Resistor	RESC1608X06L	Distrel ec	715596	Тор
2	8.2K)0603[[/\][2	R117, R118	Resistor Schottky Barrier Double Diode	RESC1608X06L	Fanel	9331565	Тор
2	BAT54S	BAT54S	D33, D34	I Double Diode	SOT23_N	\vdash		Тор
~								Тор
2	LTST-S220KGKT	LED	D8, D31	SMD Green led right angle mount 2V@20ma 35mcd 8-Bit Serial-	LITEON-sideview			
2			DR, D31	SMD Green led right angle mount 2V@20ma 35mod 3-Bit Serial- Input/Serial or Prailel- Output Shift Register with Latched 3-State Outputs	LITEON-sideview			Тор
2 2	LTST-S220KGKT MC74HC595ADT R2 Motor	MC74HC 595ADT R2 Motor BC817-	U14, U16 B1, B2	SMD Green led right angle mount 2Vig20ma 35mcd 8-Bit Serial- Input/Serial or Prailet- Output Shift Register with Latched 3-State Outputs Motor, General Kind N=N General Fund N=N General N=N General Fund N=N General Fun	948F-01_N RB5-10.5			Тор
2 2 20	MC74HC595ADT R2 Motor BC817-40	MC74HC 595ADT R2 Motor BC817- 40	UNA, UNS 81, 52 05, GR, CR, CR, CR, CR, CRT, CHS, CHS, CRT, CHS, CST, CRS, CSS, CSS, CSS, CSS, CSS, CSS, CSS	SIMD Green led right angle mount 2V(g)20ma 35mcd 8-Bit Serial- input! Serial or Prailed- Curput Shift Register with Latched 3-State Curputs Motor, General Kind NaPN General purpose Transistor	948F-01_N RB5-10.5 SOT23_N			Тор
2 2 20 20 22 3	MC74HC595ADT R2 Motor BC817-40	MC74HC 595ADT R2 Motor 90317- 40 1000F[[/ \]]0603[[/\]]1 RES	U14, U16 B1, B2	SMD Green led right angle mount 2Vig20ma 35mcd 8-Bit Serial- Input/Serial or Prailet- Output Shift Register with Latched 3-State Outputs Motor, General Kind N=N General Fund N=N General N=N General Fund N=N General Fun	948F-01_N RB5-10.5	Fanel	1288255	Тор
	LTST-S220KGKT MC74HCS95ADT R2 Motor BC817-40 100nF	MC74HC 595ADT R2 Motor 9C817- 40 10001[[/ \]]0603[[/ \]]1 RES 10K[[/]]	USA, USB 61, 527 65, 668 (68, 69, 696, 691, 691, 694, 695, 696, 697, 698, 691, 692, 693, 694, 695, 696, 697, 698 61, 63, 66, 696, 691, 691, 692, 694, 697, 698, 693, 693, 693, 693, 693, 693, 693, 694, 695, 694, 697	SIMD Green led right angle mount 2V(g)20ma 35mcd 8-Bit Senial- Input/ Senial or Praillel- Cutput Shift Register with Latched 3-State Cutputs Motor, General Kind NPN cemeras-purpose Transistor Capacitor	948F-01_N RB5-10.5 SOT23_N RESC1608X06L	Fanel	1288255	Тор Тор Тор
	LTST-S220KGKT MC74HCS95ADT R2 Motor BC817-40 100nF	MC74HC 595ADT R2 Motor 9U817- 40 1008[[/\]]1 RES 10K[[/\]] 1, [10603[[/\]]1, 100K[[/\]]1, 100K[[\]]1, 100K[[\]]	USA, USB 61, 527 65, 668 (68, 69, 696, 691, 691, 694, 695, 696, 697, 698, 691, 692, 693, 694, 695, 696, 697, 698 61, 63, 66, 696, 691, 691, 692, 694, 697, 698, 693, 693, 693, 693, 693, 693, 693, 694, 695, 694, 697	SIMD Green led right angle mount 2V(g)20ma 35mcd 8-Bit Senial- Input/ Senial or Praillel- Cutput Shift Register with Latched 3-State Cutputs Motor, General Kind NPN cemeras-purpose Transistor Capacitor	948F-01_N RB5-10.5 SOT23_N RESC1608X06L	Famell Distret ec	1288255 715612, 715636	Тор Тор Тор
	LTST-S220KGKT MC74HC595ADT Motor BC817-40 100nF	MC74HC 595ADT R2 Motor 9C817- 40 10001[[/ \]]0603[[/ \]]1 RES 10K[[/]]	UNA UNB AN, ESZ GO,	SMD Clean kat girls range mount angle mount angle mount 2 Vigigations 36med 3 Sets Sensil of Paties in Control of SMR Register with Latched 3 State Cutjouts Motor, Cleaned Kind 1974 Ustrates purpose Transister Capacit	948F-01_N RB5-10.5 SOT23_N RESC1608X06L	Famell Distret ec Distret ec		Top Top Top
	LTST-S220KGKT MC74HC596ADT R2 Motor BC817-40 100nF 1.5k	MC74HC 595ADT R2 Motor BCB17- 40 100H[[/ \]]1 6603[[/\]]1 100K[[/\]]1 100K[[/\]]1 100K2[[/\]]1 100K2[[/\]]1 100K2[[/\]]1 100K2[[/\]]1 100K2[[/\]]1 100K2[[/\]]1 100K2[[/\]]1 100K2[[/\]]1 100K2[[/\]]1 100K2[[/\]]1 100K2[[/\]]1 100K2[[/\]]1	UNA UN6 8, TEX CS.	SMD Clean kat girls range mount angle mount angle mount 2 Vigigations 36med 3 Sets Sensil of Paties in Control of SMR Register with Latched 3 State Cutjouts Motor, Cleaned Kind 1974 Ustrates purpose Transister Capacit	948F-01_N RB5-10.5 SOT23_N RESC1608X06L RESC1608X06L	Famell Distrel ec Distrel ec	715612, 715636	Top Top Top Top
	LTST-S220KGKT AC74HC59SADT R2 Motor BC817-40 100nF 1.5k 180R 27 215URC1/5530-	MC74HC 595ADT R2 9U817-40 100H[[/ \]]0603[[/\]]1 0603[[/\]]1, 100K[[/\]]1, 190603[[/\]]1, 18UR([/\]]]1	UNA UNS 8, TES OS GR	SME Circen kind right angle mount angle mo	948F-01_N RB6-10.5 SOT23_N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L 27-21 Evelight RESC1608X06L	Famell Distrel ec Distrel ec	715612, 715636	Top Top Top Top Top Top
	LTST-S229KGKT MCZ4HCS95ADT R2 Motor BC817-40 100xF 15x 100xK 180R 27. 21SURD \$530-A3	LED MC74HC 595ADT R2 Mosor 40 TUUNHIII 1,00003[[/-1] 1,	UHA, UHS 81-82 05, OK	SMD Cleen kat right variety of the control of the c	948F01_N RBS-10.5 SOT23_N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L	Fameli Distrel ec	715612, 715636	Top Top Top Top Top Top Top
	LTST-S220KGKT MC74HC595ADT R2 Mc74HC595ADT R2 Mc60F BC817-40 1000F 1.5k 100K 180R 27. 275JRT/S30- 53 AP7331-33WG-7 10uF	LED MC74HC 595ADT R2 Motor R2 Motor 10 (1) 1 (1) (1) (1) (1) (1) (1) (1) (1) (UHA UHS 81. 82 CK,	SMC disease has right 200/2007ma Sinche SML Statis	948F-01_N R85-10.5 SOT23_N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L SOT06P28X06L SOT06P28X100- SOT06P28X100- SOT06P28X100- SOT06P28X100-	Famel Distret ec Distret ec Famel	715612, 715636	Top Top Top Top Top Top Top
	LTST-S220KGKT MC74HC59SADT R2 MC60F BC817-40 100nF 1.5k 100K 180R 27. 27. 27. 27. 28. AP7331-33WQ-7	LED MC74+IC 955ADT R2 Whose 953T7- 40 TOUST[I] 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	UHA, UHS 81. 02 OK,	SMO Cleans out right SMO Cleans out right SMO Clean File State Fil	948F-01_N R85-10.5 SOT23_N RESC1608X06L RESC1608X06L RESC1608X06L 27-21 Evelight RESC1608X06L SOT06P28SX100-M	Fanel	715612, 715636 715670	Top
	LTST-S220KGKT MC24HC595ADT R2 M050 B0317-40 100nF 159 100K 180R 27. 215URCY 5530- AP7331-33WG-7 100F	LED MC74HC 595ADT R5 595ADT R5 595ADT R5 10041/1 10041/1 10040/1 100603[1/1]1 100603[1/1]1 100603[1/1]1 LED AP7331 UUE[1/1]1 100603[1/1]1 LED AP7331 LED LED TR([/1][0]603[1/1]1 LED	UHA UHS 81. 82 CK,	SMC General out right SMC Control out right SMC Control SMC SMC CO	948F-01_N RBS-10.5 SOT22_N RESC1608X06L RESC1608X06L RESC1608X06L RESC1608X06L SOT06P26X100 RESC1608X06L RESC1608X06L	Famell Distrel ec Distrel ec	715612, 715636 715670	Top
	LTST-S220KGKT MC24HC595ADT R2 M050 B0317-40 100nF 159 100K 180R 27. 215URCY 5530- AP7331-33WG-7 100F	LED MC74HC 595ADT R 595ADT R 595ADT R 595ADT R 595ADT R 6003[[A] 1, 1000H[P] 1, 1000H[P] 1, 1100H[P]	UNIA UTIS BIT SE OK OK OK OK OK OK OK OT 1, OT	SIND Cleans out right SIND Cleans out right SIND SIND CLEANS Resistor Resistor Resistor Resistor Resistor SIND Need Sind right angle mouth SIND Need Sind right SIND SIND SIND SIND CLEANS SIND SIND SIND SIND SIND SIND SIND SIND	948F-01_N R85-10_S 50723_N R85-C1608X06L R85-C1608X06L R85-C1608X06L R85-C1608X06L SES-C1608X06L SES-C1608X06L SES-C1608X06L SES-C1608X06L SES-C1608X06L SES-C1608X06L SES-C1608X06L SES-C1608X06L	Fanel	715512, 715636 715570	Top
	LTST-S220KGKT MC74HCS95ADT R2 Motor B0387-40 1000F 158 100K 180R 180R 275SUPS530-A3 53 53 54 AP7331-33WG7 100F 184 187 187 187 187 187 187 187 187 187 187	LED MC74HC S95ADT S95ADT S95ADT Motor	UHA, UTIS 81. 52 CE, CA, CA, CA, CA, CA, CA, CA, CA, CA, CA	SMC Grown out right TypigDhrai Shore SMT Stellar SMT	048F-01_N 9865-10-5 5 5 7 7 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8	Famell Distrel ec	716612,716636 716570 1463375	Top
	LTSI-5220KGKT MC74FCSSSADT R2 Motor R2 Motor R2 Motor R2 Motor R2 R3 Motor R3 R4	LED MC74HC 995ADT 995ADT 995ADT 1000000000000000000000000000000000000	UTAL UTS 81. 02 CK,	SIND Clean out right Projection Sind or Sind State Francisco Sind State Francisco Sind State Francisco Sind State Francisco Sind Sind Sind Sind Sind Sind Sind Sind	048FG1, N 80723, N 80723, N RESC1608X06, RESC1608X06, RESC1608X06, SC51608X06	Famell Distrel ec Distrel ec Distrel ec	715612,715636 715570 1463375 715088	Top
	LTST-S220KGKT AC74HC595ADT AC2 AC60F BOS87-A0 100KF 159K 110K 11	LED MC74-16 MC74-17 R2 MODE BENT/- R2 BENT/- RES WR[R] [1] [1] [1] [1] [2] BEOGG[[/] TRES WR[R] [1] BEOGG[[/] TRES WR[R] [1] BEOGG[[/] TRES LED LED LED LED LED LED LED L	UH, UHS 81. 82 OK, OK, OK, OK, OK, OH, OH, OH, OH, OH, OH, OH, OH, OH, OH	SIND Cleans out right POPSIQNESS STORM OF THE SIND SIND SIND SIND SIND SIND SIND SIND	948F-01,N PRIS-10-5 DOT723_N PRIS-10-5 DOT723_N PRIS-10-100NOME. PRIS-100NOME. PRIS-100NOME. PRIS-100NOME. PRIS-100NOME. PRIS-100NOME. PRIS-100NOME. DOTTOPPERS-100NOME. PRIS-100NOME. PRIS-100NOME. PRIS-100NOME. PRIS-100NOME. PRIS-100NOME. PRIS-100NOME. PRIS-100NOME. PRIS-100NOME.	Famell Distrel ec Distrel oc	715612,715636 715570 1463375 715088	Top
	LTST-S220KGKT ACCH4HCSSSADT ACCH4HCSSSADT ACCH4HCSSSADT ACCH4HCSSSADT ACCH4HCSSSADT ACCH4HCSSADT ACCHAHCSSADT ACCH4HCSSADT	LED MC74-1C R2 MC85-ADT R2 MOSS BL871-7 R2 MOSS BL871-7 MOSS BL87	UHA, UTIS 81. 82 05. 00. 00. 00. 00. 00. 010, 011. 013. 014. 015. 016, 017. 018. 031. 033. 033. 034. 035. 036. 037. 038 CI. CEL OS, CEL OTT, CTS, CTS, CTS, CTS, CTS, CTS, CTS, C	SMC Grown har right 70 (200 cm) 200 c	948F-01, N 965F-05 5 967F2, N 965C-1608X06, 965C-1608X06, 965C-1608X06, 9721 Evelope 965C-1608X06, 965C-1608X06, 965C-1608X06, 965C-1608X06, 965C-1608X06,	Famell Distrel ec Distrel ec Distrel ec	715612,715636 715570 1463375 715088	Top
	1115 4200007 102 102 102 102 102 102 102 102 102 102	LED MC74-1-C SPSADT SPSADT Motor BEST/- 40 MOTORITY I)	UNI. UTIS 81. 102 OK.	SIND Cleans out right Polygibras Street SIR	948F-01,N FRES-10-5 507723,N RESC-10680096. RESC-10680096. RESC-10680096. RESC-10680096. RESC-10680096. RESC-10680096. RESC-10680096. RESC-10680096. RESC-10680096. RESC-10680096. RESC-10680096. RESC-10680096.	Famell Distrel ec Distrel Distrel Distrel Distrel Distrel Distrel	715612, 716036 715670 4463375 715688 715690 715094	Top
	LTST-S220KGKT AC74HC595ADT AC2 AC60F BOS87-A0 100KF 159K 110K 11	MC74+0C 555ADT F2 555ADT F	UH, UHS 81. 82 OK, OK, OK, OK, OK, OH, OH, OH, OH, OH, OH, OH, OH, OH, OH	SIND Cleans out right POPSIQNESS STORM OF THE SIND SIND SIND SIND SIND SIND SIND SIND	948F-01,N PRIS-10-15 PRIS-10-15 PRIS-10-15 PRIS-10-16 PRIS-1608X066, PRIS-1608X066, PRIS-1608X066, PRIS-1608X066, PRIS-1608X066, PRIS-1608X066, DOC-1608X066, PRIS-1608X066, PRIS-1608X066	Famell Distrel ec Distrel ec Distrel ec Distrel ec Famell	715612,715636 715570 1463375 715088	Top