









10nF ±5% 16V	2.4GHz F Antonna	A1	F_ANT	E_ANT	usentity
	2.4GHz F Antonna Cap Coramic 0.01uF 16V X7R 5% SMD 0603	C1, C18	CAPCD603XD9N	C0603C103HRACTU	
10 µF ±20% 16V	125°C Paper T/R 0603 10 uF 16 V ±20% Tolerance X85 Surface Mount Multilayer Conamic Canacitor	C2, C3, C8, C10, C11, C12, C19, C21, C26, C28	CAPCD603X10N-M	GRT188C81C106ME13 D	
1 µF ±5% 16V	Ceramic Capacitor Cap Ceramic 1uF 16V X7R 5% SMD 0603	C4, C22, C24, C25	CAPC0603X10N	C0603X105J4RAC7867	
	125°C Paper T/R Cap Ceramic 47pF 16V CGC 5% SMD 0603	.,,		C0603C470HGAC786	
47 pF ±5% 16V	125°C Paper T/R 1206 22 of 16 V ±10%	D.	CAPCD603XD9N	2	
22 µF ±10% 16V 1206	Tolerance X65 Multilayer Ceramic Capacitor Cap Cer 220PF 16V	Ċ6	CAPC1206X18N	GRT31CCB1C226KE01 E C0603C221J4GAC786	
220 pF ±5% 16V	Cap Cir 22079 169 COG/MP0 0603 Cap Ciramic 120pF 250V COG 5% SMD	e7	CAPCD603XD9N	C0603C221MGAC786 2 C0603C121MGACAUT	
120 pF ±5% 250V	250V COG 5% SMD 0603 125°C Paper T/R Cap Cer 0805 2.2UF	C9	CAPCD603X10N	0	
2.2 µF ±5% 16V 0805	16V X7R 5%	C13	CAPC0805X12N	COBOSX225J4RECAUT O	
100 pF ±5% 16V	16V COG 5% SMD 0603 125°C Paper T/R	C14	CAPCD603XD9N	C0603C101.HGAC786 7	
10 pF ±5% 16V	Cap Ceramic 10pF 16V CGG 5% SMD 0603 125°C Paper T/R	C15	CAPCD6039D9N	00603C100HGAC786 2	
1.5 pF ±5% 50V 0402	Cap Ceramic 1.5pF 50V COG 5% Pad SMD 0402 125C	C16	CAPCD402XD6N	GCM1555C1H1R5IA16 D	
0.22 µF ±5% 16V	Automotive T/R 0603 0.22 of 16 V ±5% Tolerance X7R Multilayer Ceramic	C17	CAPCD603X10N-Y	CC0603.80X7R788224	
4.7 µF ±5% 25V XBL 1210	Capacitor 1210 C 4.7uF Coramic Multilayer Capacitor; 25 VDC; +85degC; X8L	C20	CAPC1210X17N	C1210C475/BNACTU	
0.1 µF ±5% 16V	Dielec; +/-5% Cap Cer 0603 0.1UF	C23	CAPCD603XD9N	C0603C104J4REC7867	
	16V X7R 5% Cap Coramic 15uF 16V	123	CAPCOBOSIONN		
15 µF ±20% 16V 1206	X65 20% SMD 1206 105°C Punched Paper T/R 15 V Bidirectional Low	C27	CAP_1206_TDK-M	C3216X6S1C156M160 AC	
ESDL4151MX4T5G	Capacitance ESD Protection Diode for High Speed Data Lines 15V	D1, D3, D4, D5, D6, D7, D8, D9, D10	DFN65P100X26-2N	ESEIL4151M04T5G	
Diode Schottky 20 V 1.5A	Rectifier Diode, Schottky, 20V V(mm), DO-214AC / Sma	02	DIOM4227X23N	SL12-E3/SAT	
FERRITE BEAD 600 DHM 0603 1LN	Ferrite Beads Multi- Layer 6000hm 25% 100MHz 500mA 380m0hm DCR 0603	FB1, FB2	BLM18AG6015N1D	BLM18AG6015N1D	
1 kOhms @ 100 MHz	Automotive Paper T/R Ferrite Beads Multi- Layer 1KDhm 25% 100MHz 0.65A	FB3	INDC0603X10N	74279266	
	0. 60hm DCR 0603 T/R USB - micro B USB 2.0 Receptacle Connector				
USB MICRO B RECPT	5 Position Surface Mount, Right Angle: Through Hole	н	OL_10118194-0001LF	10118194-0001LF	
0.1" Header	CONN HEADER VERT 3PGS 2.54MM	H2	PIN_MALE_HEADER_0 1-IN - duplicate	PRPC003SAAN-RC	
IR LED	MP-940nm VF-1.2V View Angle-20 SAMTEC - TSW-102-	IR1	LED_THROUGH-HOLE	IR333-A	
CONN HEADER VERT 2POS 2:54MM	SAMTEC - TSW-102- 14-L-S - Board-To- Board Connector, Vertical, 2.54 mm, 2 Contacts, Header, TSW Series, Through Hole, 1 Rows.	I1,12	SAMTEC_TSW-102-14- L-S	TSW-102-14-L-S	
20021111-00010T4LF	Hole, 1 Roses Corn Unshrouded Header HDR 10 POS 1.27mm Solder ST Top Entry Thru-Hole Minitek127* Tube	п	CONN_MINITEX_2XS_ HDR	20021111-00010T4LF	
4.7 µH 2.5 A 30mOhm Max	4. July 20% 100KHz Ferrito 2.5A Blister	L1, L5	INDP7272X45N	882472G6472M000	
2.2 µH 2.3 A 83mOhm Max 1008	T/R Inductor Power Chip Shielded Wirewound 2: 2uH 20% 1MHz Metal 2: 3A 0.0820hm	12	INDC1008X12N	DFE252012F- 2R2M-P2	
1.9 mH 0402	DCR 1008 T/R Ind High Frequency Chip Molded/Urshielded Thin Film 1.9eH 0.2nH 500MHz 130-Factor 560mA 0402 T/R LED, 0603, GREEN, 430MCD, 530MM	13,14	INDC0402XD4N	36401E1N9ATDF	
GRN 0603	560mA 0402 T/R LED; 0603; GREEN;	LED1, LED2	LED_0603_GRN_WL-	150060C\$75000	
			SMCW		
	Trans MOSFET P-CH 20V 3:5A 3-Pin SOT-23	01, 02, 03, 05	SOT95P300K115-3N	A03419	
P-Channel FET		04,06	SOT95P300K115-3N	A03414	
P-Channel FET N-Channel FET	MOSFET N-CH 20V 4.2A SOT23 Rus Thick Film 0603 2K				
	4.2A SOT23 Res Thick Film 0603 2K Ohm 1% 1/10W ±100ppm/*C Molded	R1, R2, R16, R18, R19	RESC0603X05N-1	CRCW06032K00FKTA	
N-Channel FET 2 kOhms ±1% 0.1W 6.49 kOhms ±1%	4.2A SOT23 Res Thick Film 0603 2K Ohm 1% 1/10W ±100ppm/*C Molded SMD SMD Paper T/R RES SMD 6.49K OHM	R1, R2, R16, R18, R19 R3	RESC0603X05N-1 RESC0603X05N	CRCW06032K00FKTA RCS06036K49FKEA	
N-Channel FET 2 kOhms ±1% 0.7W	4.2A SOT23 Res Thick Film 0603 2K Ohm 1% 1/10W =100ppm1°C Molded SMD SMD Paper T/R RES SMD 6.49K CHM 1% 1/4W 0603 Resistor, Resistor, Resistor,				
N-Channel FET 2 kOhms ±1% 0.1W 5.49 kOhms ±1% 2.29W 1 MOhms ±1% 0.25W	4: 28. SOT23 Rest Thick Film 0603 2K Ohm 1%: 1/10W 100 ppm**C Moldad SMD SMD Paper T/R RESSMD 6.49K OHM 1%: 1/4W 0603 Resilider, Resilider Film 0805 49: 9K Ohm 1%: 0.29W(1/4W) 1: 2000pm**C Pad SMD	R3	RESCONDISNOSIN	RCSO6036K49FKEA	
N-Channel FET 2 kChers ±1% 0.1W 0.49 kChers ±1% 0.2SW 1 MOhers ±1% 0.2SW 49.9 kChers ±1% 0.2SW, 0905	4. AR 50723  Des Theix Rem 06023X  Ohm 15: 1/10W a 100ppm*** Melded AMD SMID Reper 17R RES SMID A 49X CHBM 15: 1/40W CBO Besitistor, Besit	RS R4	RESCONCINOSN RESCONCINONN-BB	RC506036K49FKEA CM9'0603-FX-1004ELF	
N-Channel FET 2 kChers ±1% 0.7W 8-49 kChers ±1% 0.7W 1 MChers ±1% 0.25W 1 MChers ±1% 0.25W 49.9 kChers ±1% 0.25W 0.25W, 0005	4. AB 50723  Den 15x Iren 06023X  Ohm 15x Iren 06023X  Ohm 15x Iren 06023X  LTOSpern*C Medded  SMD 53MD Paper T /R  RES 5MD A 44K Crell  15x Iren 16023X  Resistor  A 14W ICCOD  15M 15x Iren 0602  49. 9K Chen 15x  0. 25W(1/4W)  21 COpper C Pad 5MD  22 C Pader C Pad 5MD  23 C Pader C Pad 5MD  24 C Pader C Pad 5MD  25 C Pader C Pader C Pad  25 C Pader C Pad  25 C Pader C Pad  26 C Pader C Pad  26 C Pader C Pad  26 C Pader C Pad  27 C Pad  27 C Pad  27 C Pad  28	R3 R4 R5	RESCONDENS NO SESCONDENS NO SE	RCS0603M49FKEA CMR0603-FX-1004ELF RCC080549KWFKEA RCC380549KWFKEA	
M-Channel FET 2 k Ohms ±1% 0.1W 3.49 k Ohms ±1% 0.1W 3.49 k Ohms ±1% 0.20W 49 k Ohms ±1% 0.20W 49 k Ohms ±1% 0.20W 220 k Ohms ±1% 0.20W 5.5 k Ohms ±1% 0.20W 5.5 k Ohms ±1% 0.20W	4.28 50/123  Boss Treak Firm Godo JX  Ghen 15x 1/16W  1 500 ppm ** Mediad  SMD SMD New Code  1 MI 'No 1/4W T COD  SMD TRAKE Firm Godo  4.9 NC Chen 15x  0.25W(1/4W) SMD  1 500 ppm C Pad SMD  Automotiber T/R  SMD TRAKE Firm Godo  1 500 ppm C Pad SMD  1 500 ppm C Pad	RS R4	RESCORGISIOSN RESCORGISIOSN	RCS06036K49FKEA CAMPGG3-FX-1004ELF RCC080549KWFKEA RCS080549KWFKEA RK73H2ATT02213F	
N-Channel FET 2 kChers ±1% 0.7W 8-49 kChers ±1% 0.7W 1 MChers ±1% 0.25W 1 MChers ±1% 0.25W 49.9 kChers ±1% 0.25W 0.25W, 0005	4.48 60723 Ban That Elim 5002 125 Chris 1s 1700V Ban That Elim 5002 125 Chris 1s 15 1700V Ban That Elim 5002 125 Chris 1s 15 1700V Ban That Elim 5002 125 Chris 1s 15 1700V Ban That Elim 5002 125 Chris 1s 15 1700V Ban That Elim 5002 125 Chris 1s 15 1700V Ban That Elim 5002 125 Chris 1s 15 1700V Ban That Elim 5002 125 Chris 1s 15 1700V Ban That Elim 5002 125 Chris 1s 15 1700V Ban That Elim 5002 125 Chris 1s 15 1700V Ban That Elim 5002 125 Chris 1s	R3 R4 R5	985/06/00/05/N 985/06/00/06/N 985/08/05/N/5/N 985/08/05/N/5/N	RCS0603M49FKEA CMR0603-FX-1004ELF RCC080549KWFKEA RCC380549KWFKEA	
M-Channel FET 2 & Ohms ±1% 0.79V 3-49 K0hms ±1% 0.79V 3-49 K0hms ±1% 0.25W 1 M Dhms ±1% 0.25W 49 9 K0hms ±1% 0.25W 0000 50 20W, 0005 5.1 Ohms ±1% 0.25W 104 K0hms ±1% 0.25W	4.45 60/12. Am Trust Film Good 2 Rea Trust F	R4 R5 R5 R7	985/06/00/05/N 985/06/00/06/N 985/08/05/N/5/N 985/08/05/N/5/N	RCS06036K49FKEA CAMPGG3-FX-1004ELF RCC080549KWFKEA RCS080549KWFKEA RK73H2ATT02213F	
M-Channel FET 2 ACRIMS 1T% 0.78V 2 ACRIMS 1T% 0.78V 2 ACRIMS 1T% 2 COMMON 1T% 3 COM	4.4 S 0712 A TO THE TO	R5 R6 R5 R7 R12, R12, R13, R14, R15	855C06G3905N 855C06G3906N488 855C08G5905N 855C06G3906N 855C06G3906N	RCS06038K4WFEEA CAMP0603-FX-1004ELF RCC080569WWFEEA RC73H2ATTE0213F RCS06035R10FREA RCS06035R10FREA	
M. Channol FET 2 & Chems 11% 0.19W 5.49 & Chems 11% 0.19W 5.49 & Chems 11% 0.19W 49 9 & Chems 11% 0.20W 49 9 & Chems 11% 0.20W 50 20W, 0805 5.1 Ohms 11% 0.20W 16 Chems 11% 0.20W 16 Chems 11% 0.20W 17 Chems 11% 0.19W 18 Chems 11% 0.19W 18 Chems 11% 0.19W 19 Chems 0.19W 19 Chems 0.19W 19 Chems 0.19W 19 Chems 0.19W 19	4.4 S 0712 A TO THE TO	23 24 4 55 50 50 50 50 50 50 50 50 50 50 50 50	#5504000000N #55040000N #65040000N #6504000	RCCO00386 6W REA  COMPOSED FO. TOO HELF  RCCO005-996 WEA	
N-Channel FET 2 ACTION 17% 0.78V 3 FOR COLORS 17% 0.78V 4 FOR COLORS 17% 0.78V 4 FOR COLORS 17% 0.78V 49 SACTION 17% 0.75V 40 SACTION 1	4.4 S 0712 A TO THE TO	83 86 88 88 88 88 88 88 88 88 88 88 88 88	#5100403900N	RCD002464FFEEA COMPOSED FX 1004ELF RCD0024FEFEEA RCD0024FEFEEA RCD0025FEEFEEA RCD0025FEEFEEA RCD0025FEEFEEA RCD0025FEEFEEA RCD0025FEEFEEA RCD0025FEEA	
M. Channot FET  2 & Chems. s1%: 0. 19W  5.49 & Cohems. s1%: 0. 19W  5.49 & Cohems. s1%: 0. 25W  49 9 & Chems. s1%: 0. 25W  40 9 & Chems. s1%: 0. 25W  5.1 Chems. s1%: 0. 25W  10 & Chems. s1%: 0. 19W  10 Chems. s1%: 0. 19W  10 Chems. s1%: 0. 19W  20 Chems. s1%: 0. 19W  20 Chems. s1%: 0. 19W	4. As 50729 at the control of the co	R3 R4 R5	#5100#03995N #5100#0399N #5100#0399N #5100#0399N #5100#0399N #5100#0399N #5100#0399N #5100#039PN #5100#0510#05PN #5100#059PN #5100#059PN #5100#059PN #5100#059PN #5100#05PN #5100#05PN #5100#05PN #5100#0	NCIONGISSE PRI MEDICALI PRI MED	
N-Channel FET 2 ACTION 17% 0.78V 3 FOR COLORS 17% 0.78V 4 FOR COLORS 17% 0.78V 4 FOR COLORS 17% 0.78V 49 SACTION 17% 0.75V 40 SACTION 1	Lea A SO/DE CONTROL TO A SOURCE AND A SOURCE	83 85 85 86 87 87 87 87 87 87 87 87 87 87 87 87 87	#83C0#2090#A 98 #83C0#2090#A 98 #83C0#2090#A 98 #83C0#2090#A #83C0#2090#A #83C0#2090#A #83C0#2090#A #83C0#2090#A	RCD002464FFEEA COMPOSED FX 1004ELF RCD0024FEFEEA RCD0024FEFEEA RCD0025FEEFEEA RCD0025FEEFEEA RCD0025FEEFEEA RCD0025FEEFEEA RCD0025FEEFEEA RCD0025FEEA	
N-Channel (FET 24 Chem s 1% 0.79V - 18 Chem s 1% 0.	A subject to the subj	83 85 86 86 872, 873, 874, 875 877 873 974, 875 877 873 974, 875 974, 875 974 975 974 975 974 975 975 975 975 975 975 975 975 975 975	#51/C04/2009/00 #8 #51/C04/2000 #8 #51/C04/2000 #8 #51/C04/2000 #8 #51/C04/2000 #8 #51/C04/2000 #8 #51/C04/2	INCORDINATIVE ELECTRONICAL ELECTRONICA ELECTRONICAL ELECTRONICA EL	
N-Charmot FET  2 ACTIVES 1750 C 750  3 A FET ACTIVES 1750  3 A FET ACTIVES 1750 C 750	LA A SOPE TO THE STATE OF THE S	12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	#51/C00/2009/64 89 #51/C00/2009/	INCIDENTIAL PROPERTY OF A CONTROL OF THE	
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