

GXT650 - Bill of Material

Ref.No	Items	Description	Q'ty	Manufacturer	1st Vendor
Q7	BFQ67W	TRANSISTOR CHIP	1	Visay	Array
Q8	BFQ67W	TRANSISTOR CHIP	1	Visay	Array
Q10	BFQ67W	TRANSISTOR CHIP	1	Visay	Array
C5	1PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C29	1PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C78	1PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C18	2PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C39	2PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C57	2PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C187A	2PF (For "A" Grade 20.95MHz X-tal)	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C187B	3PF (For "A" or "B" Grade 20.95MHz X-tal)	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C42	3PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C187C	3PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C61	3.5PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C49	4PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C62	4PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C46	5PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C180	6PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C79	7PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C51	8PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C45	9PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C77	9PF	CHIP CAPACITOR 0402 NPO ±0.25PF	1	Murata	Asung
C52	10PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C60	10PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C64	10PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C92	10PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C93	10PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C11	12PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C41	12PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C55	15PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C59	18PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C80	18PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C13	22PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C15	22PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C21	22PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C76	22PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C140	22PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C6	30PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C12	33PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C75	33PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C128	33PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C158	33PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C159	33PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C56	39PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C50	56PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C171	82PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C7	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C9	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C20	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C23	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C26	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C27	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C28	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C30	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C31	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C32	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C35	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C43	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C47	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C53	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C58	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C63	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C65	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C66	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C69	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C94	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C98	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C101	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung

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C121	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C123	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C147	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C148	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C163	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C164	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C170	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C173	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C174	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C175	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C176	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C178	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C179	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C182	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C184	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C185	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C186	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C188	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C189	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C190	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C191	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C192	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C193	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C194	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C196	100PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C68	150PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C187	150PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C169	180PF	CHIP CAPACITOR 0402 NPO ±5%	1	Murata	Asung
C8	270PF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C135	390PF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C117	470PF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C118	470PF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C114	560PF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C14	0.001UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C17	0.001UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C73	0.001UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C74	0.001UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C141	0.0012UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C119	0.0015UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C133	0.0022UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C143	0.0022UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C152	0.0022UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C197	0.0022UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C139	0.0033UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C134	0.0039UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C129	0.0056UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C19	0.01UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C22	0.01UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C24	0.01UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C36	0.01UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C44	0.01UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C67	0.01UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C90	0.01UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C95	0.01UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C100	0.01UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C161	0.01UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C195	0.01UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C401	0.01UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C99	0.015UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C131	0.015UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C137	0.018UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C138	0.018UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C116	0.022UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C120	0.022UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C157	0.033UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C124	0.082UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C10	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C48	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung

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C81	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C87	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C88	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C97	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C102	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C103	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C104	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C105	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C106	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C108	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C109	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C110	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C111	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C112	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C113	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C122	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C126	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C130	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C132	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C136	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C142	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C145	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C153	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C154	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C155	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C167	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C177	0.1UF	CHIP CAPACITOR 0402 Y5V	1	Murata	Asung
C115	0.22UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C149	0.22UF	CHIP CAPACITOR 0402 X7R ±10%	1	Murata	Asung
C37	1UF	CHIP CAPACITOR 0603 Y5V	1	Murata	Asung
C40	1UF	CHIP CAPACITOR 0603 Y5V	1	Murata	Asung
C72	1UF	CHIP CAPACITOR 0603 Y5V	1	Murata	Asung
C83	1UF	CHIP CAPACITOR 0603 Y5V	1	Murata	Asung
C84	1UF	CHIP CAPACITOR 0603 Y5V	1	Murata	Asung
C85	1UF	CHIP CAPACITOR 0603 Y5V	1	Murata	Asung
C86	1UF	CHIP CAPACITOR 0603 Y5V	1	Murata	Asung
C96	1UF	CHIP CAPACITOR 0603 Y5V	1	Murata	Asung
C144	1UF	CHIP CAPACITOR 0603 Y5V	1	Murata	Asung
C156	1UF	CHIP CAPACITOR 0603 Y5V	1	Murata	Asung
C181	1UF	CHIP CAPACITOR 0603 Y5V	1	Murata	Asung
C1	2PF(03)	CHIP CAPACITOR 0603 NPO ±0.25PF	1	Murata	Asung
C3	4PF(03)	CHIP CAPACITOR 0603 NPO ±0.25PF	1	Murata	Asung
C2	5PF(03)	CHIP CAPACITOR 0603 NPO ±0.25PF	1	Murata	Asung
C34	8PF(03)	CHIP CAPACITOR 0603 NPO ±0.25PF	1	Murata	Asung
C33	12PF(03)	CHIP CAPACITOR 0603 NPO ±5%	1	Murata	Asung
C4	100PF(03)	CHIP CAPACITOR 0603 NPO ±5%	1	Murata	Asung
R57	Thermistor 100	NSM3101J280J3Z	1	HDK	Boomax
IC3	AZ358MTR-E1	IC LINEAR OP AMP	1	BCD	Britestone
PCB1	PCB	GXT650 PCB Ver. ACA / 4 layer	1	Capital	Capital
SF1	SAW Filter 465MHz	SAW FILTER (12F-465BS)	1	Fronter	Fronter
IC400	SG6206	Animal Voice Synthesizer IC	1	SiGma	GiGa
IC1	JT5BU8-6HB0(Z)	IC CPU	1	Toshiba	GL
CT1	10PF (Trimmer) 3 dia	STC3M10-T1	1	STD	GL
Q1	2SC4226 (R25)	TRANSISTOR CHIP	1	NEC	GL
Q3	2SC4226 (R25)	TRANSISTOR CHIP	1	NEC	GL
Q11	2SC4226 (R25)	TRANSISTOR CHIP	1	NEC	GL
Q12	2SC4226 (R25)	TRANSISTOR CHIP	1	NEC	GL
Q24	2SC4226 (R25)	TRANSISTOR CHIP	1	NEC	GL
CF2	5mm CAN COIL	450KHz	1	Hantel	Hantel
L17	0.3*1.0*3T R	Inductor Air	1	Hantel	Hantel
L23	0.3*1.3*3T R	Inductor Air	1	Hantel	Hantel
L3	0.3*1.4*6T R	Inductor Air	1	Hantel	Hantel
L1	0.35*1.7*5T R	Inductor Air	1	Hantel	Hantel
L2	0.35*1.7*5T R	Inductor Air	1	Hantel	Hantel
L15	0.4*1.1*2T R	Inductor Air	1	Hantel	Hantel
L16	0.4*1.5*5T L	Inductor Air	1	Hantel	Hantel
LED1	LED (Dor Backlight)	Chip LED	1	Hualight	Hualight
MIC1	F9745AP342-34	Condensor Mic	1	Innovation	Innovation

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Ref.No	Items	Description	Q'ty	Manufacturer	1st Vendor
CF3	LTM450HTU (Bonso 8304-045050-035)	Ceramic filter (115-LTM450HTU)	1	Interquip	Interquip
X2	4 MHz X-tal	D4.00C(20pF) HS-49/S	1	Interquip	Interquip
X1	20.95MHZ X-tal	DA20.950TF(16pF) HC-49/S, 15PPM	1	Interquip	Interquip
CF1	21.4MHZ	X-tal filter 21.4MHz +/-3.75KHz UM5	1	Interquip	Interquip
ZD1	6.8V ZENER DIODE	ZMM6.8V 0.5W SMD Type	1		
D1	KDS114E	Chip Diode Switching	1	KEC	KEC
D2	KDS114E	Chip Diode Switching	1	KEC	KEC
D6	KDS114E	Chip Diode Switching	1	KEC	KEC
D8	KDS114E	Chip Diode Switching	1	KEC	KEC
D7	KDS121	Chip Diode Switching	1	KEC	KEC
D3	KDV154B	Chip Diode Vari-cap	1	KEC	KEC
D4	KDV154B	Chip Diode Vari-cap	1	KEC	KEC
D5	KDV154B	Chip Diode Vari-cap	1	KEC	KEC
Q13	KRA306E	CHIP TRANSISTOR BRT	1	KEC	KEC
Q15	KRA306E	CHIP TRANSISTOR BRT	1	KEC	KEC
Q17	KRA306E	CHIP TRANSISTOR BRT	1	KEC	KEC
Q19	KRA306E	CHIP TRANSISTOR BRT	1	KEC	KEC
Q25	KRA306E	CHIP TRANSISTOR BRT	1	KEC	KEC
Q21	KRC246S	CHIP TRANSISTOR BRT	1	KEC	KEC
Q18	KRC401E	CHIP TRANSISTOR BRT	1	KEC	KEC
Q23	KRC401E	CHIP TRANSISTOR BRT	1	KEC	KEC
Q16	KRC404E	CHIP TRANSISTOR BRT	1	KEC	KEC
Q6	KRC405E	CHIP TRANSISTOR BRT	1	KEC	KEC
Q9	KRC405E	CHIP TRANSISTOR BRT	1	KEC	KEC
Q20	KRC405E	CHIP TRANSISTOR BRT	1	KEC	KEC
Q26	KTC4075E	CHIP TRANSISTOR BRT	1	KEC	KEC
Q27	KTC4075E	CHIP TRANSISTOR BRT	1	KEC	KEC
J2	EXT MIC	EXT MIC JACK DUAL LT2510C	1	Kechenda	Kechenda
C70	22UF/10V	ELECT CAPACITOR (3*5)	1	Koshin	Koshin
C162	10UF/10V	ELECT CAPACITOR (3*5)	1	Koshin	Koshin
C82	220UF/6.3V	ELECT CAPACITOR (5*11)	1	Koshin	Koshin
C91	220UF/6.3V	ELECT CAPACITOR (5*11)	1	Koshin	Koshin
C146	100UF/10V	ELECT CAPACITOR (5*7)	1	Koshin	Koshin
C160	100UF/10V	ELECT CAPACITOR (5*7)	1	Koshin	Koshin
C198	470UF/6.3V	ELECT CAPACITOR (6.3*11)	1	Koshin	Koshin
VR1	47K(B)	47KB Semi-fixed resistor 3dia	1	Noble	Noble
VR3	47K(B)	47KB Semi-fixed resistor 3dia	1	Noble	Noble
Q5	NE5510279A	FET PA NE5510279A	1	NEC	Numata
IC2	AN29160	IC AN29160 (One Chip)	1	Panasonic	Panasonic
R3	0 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R42	0 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R61	0 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R163	0 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R103	0 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R182	0 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R403	0 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R26	10 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R55	10 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R14	100 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R37	100 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R54	100 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R126	100 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R127	100 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R152	100 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R7	1K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R49	1K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R70	1K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R102	1K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R47	10K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R95	10K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R101	10K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R112	10K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R149	10K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R150	10K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R41	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R58	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R79	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R88	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp

GXT650 - Bill of Material

Ref.No	Items	Description	Q'ty	Manufacturer	1st Vendor
R89	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R93	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R115	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R119	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R129	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R153	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R154	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R155	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R156	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R157	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R165	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R167	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R170	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R175	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R176	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R177	100K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R12	1M	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R108	1M	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R110	1M	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R118	1M	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R139	1M	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R38	1.2K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R98	1.2K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R146	1.2K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R400	12K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R116	120K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R2	15 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R24	150 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R39	150 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R147	150 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R27	15K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R75	15K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R81	15K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R113	15K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R91	150K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R169	150K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R402	150K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R105	1.5M	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R11	1.8K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R17	1.8K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R111	1.8K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R148	1.8K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R104	18K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R128	18K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R131	18K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R172	18K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R29	22 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R5	220 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R10	220 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R15	220 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R28	220 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R30	220 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R31	220 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R45	220 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R13	2.2K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R44	2.2K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R56	2.2K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R109	2.2K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R145	2.2K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R173	2.2K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R125	22K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R142	22K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R166	22K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R66	220K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R77	220K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R171	220+B300K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R151	220K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R184	220K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp

GXT650 - Bill of Material

Ref.No	Items	Description	Q'ty	Manufacturer	1st Vendor
R94	2.2M	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R22	2.7K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R82	2.7K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R34	27K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R87	27K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R121	27K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R92	270K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R25	330 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R36	3.3K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R46	3.3K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R76	33K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R97	33K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R9	330K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R74	330K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R80	330K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R99	330K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R20	390 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R60	3.9K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R106	3.9K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R107	39K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R132	39K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R86	390K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R32	47 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R33	47 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R72	47 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R69	4.7K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R85	4.7K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R178	4.7K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R48	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R64	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R65	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R83	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R84	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R114	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R117	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R123	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R135	47K	CHIP RESISTOR 0402 1% 1/16W	1	Proan	Philcomp
R137	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R140	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R141	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R181	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R401	47K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R4	470K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R143	470K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R144	470K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R8	5.6 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R35	5.6 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R43	56 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R16	560 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R23	5.6K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R62	5.6K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R73	5.6K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R1	56K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R40	56K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R96	56K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R122	56K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R133	56K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R159	56K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R160	56K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R161	56K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R90	560K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R124	560K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R6	680 ohm	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R78	6.8K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R68	68K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R134	68K	CHIP RESISTOR 0402 1% 1/16W	1	Proan	Philcomp
R63	680K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R168	680K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp

GXT650 - Bill of Material

Ref.No	Items	Description	Q'ty	Manufacturer	1st Vendor
R183	750K	CHIP RESISTOR 0402 1% 1/16W	1	Proan	Philcomp
R120	8.2K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R130	8.2K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R71	82K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R100	82K	CHIP RESISTOR 0402 5% 1/16W	1	Proan	Philcomp
R18	1K (03)	CHIP RESISTOR 0603 5% 1/16W	1	Proan	Philcomp
R19	1K (03)	CHIP RESISTOR 0603 5% 1/16W	1	Proan	Philcomp
R21	2.2 ohm (03)	CHIP RESISTOR 0603 5% 1/16W	1	Proan	Philcomp
VR2	A10K ROTARY VR	SJ093VSN-1 15F A10K 9MM	1	Philconic	Philconic
VIB1	VIBRATION MOTOR	VIBRATION MOTOR: OTL-6SL (3V)	1	Philconic	Philconic
Q2	2SC4083	CHIP TRANSISTOR	1	Rohm	Rohm
Q4	2SC4083	CHIP TRANSISTOR	1	Rohm	Rohm
Q14	2SC4083	CHIP TRANSISTOR	1	Rohm	Rohm
LCD1	LCD (GXT600)	15pin LCD	1	Smart Good	Smart Good
L27	0.33UH(03)	INDUCTOR CHIP 0.33UH 1608	1	Sunlord	Sunlord
L26	1.2UH(03)	INDUCTOR CHIP 1.2UH 1608	1	Sunlord	Sunlord
L10	1.8UH(05)	INDUCTOR CHIP 1.8UH 2012	1	Sunlord	Sunlord
L25	100NH	INDUCTOR CHIP 100NH 1005	1	Sunlord	Sunlord
L18	18NH(03)	INDUCTOR CHIP 18NH 1608	1	Sunlord	Sunlord
L19	18NH(03)	INDUCTOR CHIP 18NH 1608	1	Sunlord	Sunlord
L7	2.7UH(03)	INDUCTOR CHIP 2.7UH 1608	1	Sunlord	Sunlord
L6	220NH(03)	INDUCTOR CHIP 220NH 1608	1	Sunlord	Sunlord
L4	27NH	INDUCTOR CHIP 27NH 1005	1	Sunlord	Sunlord
L8	33NH	INDUCTOR CHIP 33NH 1005	1	Sunlord	Sunlord
L5	47NH	INDUCTOR CHIP 47NH 1005	1	Sunlord	Sunlord
L9	47NH	INDUCTOR CHIP 47NH 1005	1	Sunlord	Sunlord
L20	5.6NH	INDUCTOR CHIP 5.6NH 1005	1	Sunlord	Sunlord
L21	5.6NH	INDUCTOR CHIP 5.6NH 1005	1	Sunlord	Sunlord
L22	5.6NH	INDUCTOR CHIP 5.6NH 1005	1	Sunlord	Sunlord
L11	5.6UH(05)	INDUCTOR CHIP 5.6UH 2012	1	Sunlord	Sunlord
L24	56NH(03)	INDUCTOR CHIP 56NH 1608 5%	1	Sunlord	Sunlord
SPK1	SPEAKER(MD36B-858)	Speaker 36dia 8 ohm	1	Wabony	Wabony
Wire1	Lead Wire Blk 2-50-2	AWG#30/1571	1	Yin Long	Yin Long
Wire2	Lead Wire Red 2-50-2	AWG#30/1571	1	Yin Long	Yin Long

MECHANICAL ITEM

	φ1.5	E-ring	1		Bonso
GXT300-022	SPCC	Shaft (Pin) for belt Clip	1		Bonso
	SPTE, 0.2t	Shield Plate	1		Bonso
GXT300-021	SUS 304, φ1.0	Spring for belt clip	1		Bonso
G223-017	SPTE, 0.2t	VCO can	1		Bonso
	Bonso no. 0098-100631-000	EVA Sponge 1.5Diax1.5T on Speaker	1		Chenda
	Screw (2.6 x 8)	Screw	5		Chensinhang
		Antenna Coil (GXT500)	1		Fine
GXT500-005	Urethane	Antenna Housing (GXT500)	1		Fine
GXT300-012	SK-5	D-spring	1	Whain	GL
GXT400-016	SUS 304, 1H, 0.15t	Charge Terminal	2		Kechenda
GXT500-011	SPTE, 0.3t	LCD bracket (GXT500)	1		Kechenda
GXT300-013	SUS 304, 1H, 0.2t	Terminal-A	1		Kechenda
7N-013	SUS 304, 1H, 0.2t	Terminal-B	1		Kechenda
GXT300-014	SUS 304, 1H, 0.2t	Terminal-C	1		Kechenda
7N-015	SUS 304, 1H, 0.2t	Terminal-D (Dual)	1		Kechenda
7N-016	NICO SUS 304 (φ0.8)	Terminal-E	1		Kechenda
G4-003	1 Point, 8.0 x 8.0 with Dia 5.0 dome.	Metal Dome	1		Khan
GXT550-002	ABS, CAMO	Back Cover (GXT550)	1		Kwanfung
GXT500-007	Acryl	Back Light Lens (GXT500)	1		Kwanfung
GXT550-003	ABS, CAMO	Battery Cover (GXT550)	1		Kwanfung
GXT450-007	PC, CAMO	Belt Clip (CAMO)	1		KwanFung
GXT650-001	ABS, CAMO, 1silk (black)	Front Cover (GXT650)	1		Kwanfung
GXT300-020	PC	Hinge for belt clip	1		KwanFung
GXT650-006	Acryl	LCD window (GXT650)	1		Kwanfung
GXT600-004	ABS	Power/Volume Knob (GXT600)	1		Kwanfung
FW13-029	Cushion, Battery	EVA 0.7t w/double side tape	1		Risings
GXT500-025	PE, white, 0.1t (24.4 x 27.4)	Reflective Sheet (GXT500)	1		Shenda
	Felt, Diameter 35.5 x 0.1t, Black	Felt	1		Shengda
GXT600-008	Silicone	Key Pad (GXT600)	1		SSA
GXT600-009	Silicone	PTT button (GXT600)	1		SSA
	Bonso no. 3202-080080-000	EVA Sponge 8x8x2T on VCO Can	2		Xinkaiyang

GXT650 - Bill of Material

Ref.No	Items	Description	Q'ty	Manufacturer	1st Vendor
GXT300-005	ABS, Ivory	Battery Holder	1		Yahun
	Stranded Wire AWG#22 52mm	BATT WIRE	1		Yinlong
GXT500-016	Zebra 14.7 x 3.8 x 1.0t	Zebra (GXT500)	1		You eal
	LETTER W/MIDLAND	BOX TAPE	1		
MT2020D-030	Nitto#500 (3.0 x 5.6)	Tape, Charge terminal	2		
GXT500-028	Nitto, No 500	Double Side Tape for window	2		
	Accessory card (Midland USA)		0.5		
GXT650-031	Polyester, 0.1t	Product Label (GXT650)	1		
GXT600-032	3M, #4187 clear	Pop Label (GXT600)	1		
	Art Paper with sticker	Warrenty Sticker	0.5		
Polybag270 400	Polybag PE 270 x 400 x 0.05t	Ploy Bag (for clamshell)	0.5		
G223-028	PP, 200 x 150 x 0.05t	Ploy Bag	0.5		Jing tai
GXT600-M007	Wood Free Paper	Manual (GXT600)	0.5		Hung chow
GXT300-029	Hi Power instruction		1		
	Sensormatic	Consigend parts	0.5		Midland
GXT650-092	Wood Free Paper, 0.4t	Card Board (GXT650)	0.5		Hung chow
GXT650-040	DW	Out Carton (GXT650)	0.125		Hung chow
GXT500-041	SW	Partition Pad (GXT500)	0.125		Hung chow
GXT300-026	PVC, 0.5t	Clam Shell Back	0.5		Star ocean
GXT500-090	PVC, 0.5t	Clam Shell Front (GXT500)	0.5		Star ocean