

	A	B	C	D	E	F	G	H	I
1	Xanthi Bill Of Material				Xanthi _02_B				
2	Aztech Part #	Item #	ref schema	Designation	Qty	Vendor's ref	Manufacturer	Packaging	Soldering
3		A Integrated circuits							
4	PRT-UC00100-CC	1	U1	Microcontroller	1	S3P9228XZZ-QZR8	Samsung	44-QFP	SMT
5		B Passive components							
6		B.1 Capacitors							
8	*PRT-CP10400-OS	2	C1, C15	100nF_16V_X5R	2	Alternate +/-10%		0603 or 0805	SMT
9	*PRT-CP10402-OS	3	C11	100nF_25V_X5R	1	Alternate +/-10%		0603 or 0805	SMT
10	*PRT-CP47400-OS	4	C6, C7, C8, C9, C10	470nF_16V_X5R	5	Alternate +/-10%		0805	SMT
11	PRT-CP10500-OS	5	C12, C13, C14, C17	1µF_16V_X7R	4	Alternate +/-10%		1206	SMT
12	010-333150-060	6	C2, C3, C4, C5, C16	330pF_50V_COG	5	Alternate +/-10%		0603 or 0805	SMT
13		7	C17, C18	NU_33pF_COG	0				
14	PRT-CP10300-OS	8	C19,C20	10nF_6.3V_X5R	2	Alternate +/-10%		0603 or 0805	SMT
15		B.2 Diodes							
17	PRT-DZ00100-OS	9	D1	Shottky diode	1	BAT64		SOT23	SMT
18	PRT-DP00100-CC	10	D2A,D4, D5, D6A, D3, D7	White diode	6	RF-WNB190TS	Shenzen Refond	603	SMT
19	PRT-DP00200-OS	11	D8	Red diode	1	SML010LT	Alternate	1206	SMT
20	PRT-DP00300-OS	12	D9	Green diode	1	SML010FT	Alternate	1206	SMT
21		B.3 Resistors							
23	011-010000-085	13	R1	10R	1	Alternate +/-5%		0805	SMT
24	011-010030-065	14	R2, R8, R15, R16, R22, R24, R29, R30	10k	8	Alternate +/-5%		0603 or 0805	SMT
25		15	R28, R27	NU_10K	0				
26	011-022040-065	16	R3, R4, R10	220k	3	Alternate +/-5%		0603 or 0805	SMT
27	011-010020-065	17	R5, R6, R7	1k	3	Alternate +/-5%		0603 or 0805	SMT
28	011-022020-065	18	R9, R25, R26	2.2k	3	Alternate +/-5%		0603 or 0805	SMT
29	011-012017-065	19	R11, R12, R13	120	3	Alternate +/-5%		0603 or 0805	SMT
30	011-047010-065	20	R14	470	1	Alternate +/-5%		0603 or 0805	SMT
31	011-010040-065	21	R17, R21, R23	100k	3	Alternate +/-5%		0603 or 0805	SMT
32		22	R19	NU_39k	0				
33	011-010010-065	23	R20	100	1	Alternate +/-5%		0603 or 0805	SMT
34		24	R18	220R	1	Alternate +/-5%		0603	SMT
35		B.4 Other							
37	PRT-YX00100-CC	25	X1	main resonator	1	CSTCE8M00G55A_RO	Murata		SMT
38	PRT-TS00100-AS	26	Q1, Q2, Q3	PNP Transistor	3	BC857B	PHIL/ONS	sot 23	SMT
39	PRT-TS00200-AS	27	Q4, Q5, Q7, Q9, Q10, Q11, Q6, Q8	NPN Transistor	8	BC847B	PHIL/ONS	sot 23	SMT
40		C Electromechanical							
42	PRT-PB00100-AS	28	PCB	PCB Logic 1mm thickness;	1	XANTHI_02			
43	PRT-CN00100-CC	29	J1	mother board connector	1	3701-7M1T	Chufon	7 PIN	SMT
44	PRT-WR00100-CC	30	Xanthi Cable	Cable Assembly	1	new	Aztech		
45	PRT-ST00100-CC	31	SW1	Rotationnal Switch	1	R1114E-0D1-20C	Hung-Ta	Custom part	TH
46	PRT-ST00200-CC	32	SW2, SW3	Vertical switch alternate	2	TSP-1158	Yat Shun		SMT
47	PRT-TN00100-CC	33	LCD	LCD Module	1	PG12832ARS-YNN-H	Power Tip		
48	PRT-ZZ00100-AS	34	Backlight Reflector	PP sheet 17*61*2	1				
49	PRT-MP00100-AS	35	Light frame Begal	0.2 steel alloy, stamped	1	According to IMAGIQUE file			
50		D Mechanical							
52	PRT-PT00100-AS	36	Xanthi Top Body	ABS v0 + Vcar > 100	1				
53	PRT-PT00200-AS	37	Xanthi Bottom Body	ABS v0	1				
54	PRT-PT00300-AS	38	Xanthi LCD Frame	PMMA	1				
55	PRT-PT00400-AS	39	Xanthi Left & Right Button	PMMA for Insert & ABSv0 forMain	1				
56	PRT-PT00500-AS	40	Xanthi Operation Button	ABS v0	1				
57	PRT-PT00600-AS	41	Xanthi LCD Lense	PMMA	1				
58	PRT-MP00200-AS	42	Xanthi Support DIN Wire 2	Steel	1	Packed			
59	PRT-PT00700-AS	43	DIN Wire Rubbers	Rubber	2	Packed			
60	PRT-MP00300-AS	44	Xanthi Support DIN Wire	Steel	1	Packed			
61	PRT-MP00400-AS	45	Xanthi Support DIN Top Screw	ABS v0	1	Packed			
62	PRT-PT00800-AS	46	Xanthi Support DIN Base	ABS v0 + brass ring (threaded)	1	Packed			
63	PRT-PT00900-AS	47	Xanthi Support Base	Nylon	1	Packed			
64	PRT-PT01000-AS	48	Xanthi Support Micro Boule	ABS v0	1	Packed			
65	PRT-PT01100-AS	49	Xanthi Air Con support	ABS v0	1	Packed			
66	PRT-ZZ00200-AS	50	Electrostatic protect film	Lense protection	1				
67		51	Lens & buttons painting	Silk screen, Black	2				
68		52	Painting (coating / gloss / oven)	Grey TBD					
69	PRT-MP00500-AS	53	Screws (casing)	self taping 2,3*12mm, black	2				
70	PRT-MP00600-AS	54	Screw (Support DIN)	2,5*5mm, brass	1				
71	PRT-LB00100-AS	55	Sticker	5*25mm, Parrot S/N Xa 0000n	1				
72		E Packaging							
74		56	Carton box		0,01				
75		57	Xanthi pack		1				
76		58	Accessories pack		1				