Bill of Materials PCB Assembly Part Number GZ203B104

it ID No' = Giz00044

YELLOW donates changes from last revision

Version 4.0

Item	Flextronics Part Number	Description	Size	Qty	Component References	Manufacturer	Manuf. Part No.	NO alts.	Contact Vendor	Contact Details
		CAPACITOR								
1	TTL00000013	C X5R 6V3 10% 1U0	0603_CAP	27	C1-2; C15-16; C45-48; C80; C87-88; C100-102; C104; C122; C167; C171-173; C186-187; C205-206; C229; C236-237	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
2	TTL00000014	C X7R 16V 10% 10N	0402_CAP	12	C4-7; C9; C51; C53; C60; C106; C163; C234-235	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
3	TTL00000015	C COG 25V 5% 15P	0402_CAP	2	C12-13	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
4	TTL00000016	C X5R 6V3 10% 2U2	0603_CAP	2	C8; C50	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
5	TTL00000017	C COG 25V 0.25PF 3P3	0402_CAP	2	C10; C200	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
6	TTL00000018	C COG 25V 5% 10P	0402_CAP	2	C14; C199	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
7	TTL00000019	C X7R 25V 10% 100N	0603_CAP	1	C17	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
8	TTL00000020	C X5R 10V 10% 100N	0402_CAP	46	C18-29; C31; C33; C40-41; C89; C97; C105; C107; C121; C127; C148; C150-151; C162; C174; C185; C188-191; C207; C210; C212-223	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
9	TTL00000021	C X5R 6V3 10% 10U	0805_CAP	20	C30; C32; C38-39; C42-43; C75-76; C83-86; C91-92; C110; C154; C156-158; C176	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
10	TTL00000022	C COG 25V 5% 680P	0603_CAP	2	C44; C93	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
11	TTL00000023	C COG 25V 5% 1N0	0603_CAP	2	C49; C94	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
12	TTL00000024	C COG 25V 5% 47P	0402_CAP	1	C52	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
13	TTL00000025	C COG 25V 5% 100P	0402_CAP	3	C54; C202-203	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
14	TTL00000026	C X7R 10V 10% 470P	0402_CAP	6	C55-59; C64	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
15	TTL00000027	C COG 25V 5% 330P	0402_CAP	2	C70; C211	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
16	TTL00000028	C COG 25V 5% 33P	0402_CAP	1	C71	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
17	TTL00000029	C COG 25V 5% 18P	0402_CAP	5	C72; C98-99; C165-166	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
18	TTL00000030	C COG 25V 5% 12P	0402_CAP	2	C73-74	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
19	TTL00000031	C X5R 6V3 20% 4U7	0603_CAP	4	C78; C103; C153; C225	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
20	TTL00000032	C X7R 16V 10% 47N	0402_CAP	2	C79; C149	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
21	TTL00000033	C COG 25V 5% 56P	0402_CAP	38	C81-82; C96; C108-109; C118-119; C168; C175; C182-184; C192-195; C198; C231-232; C238-239; C242-244; C247; C249-257;C260;C262;C265-266	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
22	TTL00000034	C DIELECTRIC 3V3 20% 220M	CAP_ELNA_DS	1	C113	ANY	DSK3R3H224HL	●	ACAL	Richard Cooper (rcooper@acaldec.co.uk) +44 1252 858699
23	TTL00000035	C COG 25V 5% 150P	0402_CAP	1	C120	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
24	TTL00000036	C X7R 10V 10% 220N	0603_CAP	1	C124	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
25	TTL00000037	C X5R 16V 10% 1U0	0603_CAP	3	C125-126; C204	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
26	TTL00000038	C X7R 25V 10% 1N0	0402_CAP	1	C128	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
27	TTL00000039	C COG 25V 5% 220P	0402_CAP	1	C152	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
28	TTL00000040	C X5R 10V 10% 4U7	0805_CAP	1	C155	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
29	TTL00000042	C X5R 6V3 20% 100U	1210_CAP	2	C180-181	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
30	TTL00000043	C COG 25V 0P5 1P0	0402_CAP	2	C201; C209	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
31	TTL00000044	C COG 25V 0P25 2P2	0603_CAP	1	C179	ANY			Flextronics	Calchip (Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798)
32	TTL00000181	C COG 25V 0P25 1P2	0603_CAP	1	C230	ANY				
33				0						
TOP POLARISED										
34	TTL00000183	C TANT 4V0 20% 33U	TAC_R	1	C233	AVX	TACR336M004R			
		DIODE								
35	TTL00000045	SCHOTTKY DIODE ROHM RB521S-30	SOD523	9	D1; D9; D13-16; D32; D34; D41	ROHM	RB521S-30			
35		SCHOTTKY DIODE ROHM RB521S-30	SOD523	9	D1; D9; D13-16; D32; D34; D41	Diode Inc	SDM20U30-7		Diode Inc	Michael Nokes (mjn@lineonesales.co.uk) +44 (0)7919 182989 price quoted is $0.019 each
36	TTL00000046	SINGLE SCHOTTKY DIODE " MANU RB161M-20	SOD123	1	D7	ROHM	RB161M-20		Flextronics	
37	TTL00000047	DIODE ROHM 1SS400	SOD523	2	D11; D17	ROHM	1SS400		Flextronics	
37		DIODE ROHM 1SS400	SOD523	2	D11; D17	Diode Inc	1N4448HWT-7		Diode Inc	Michael Nokes (mjn@lineonesales.co.uk) +44 (0)7919 182989 price quoted is $0.0125 each
38	TTL00000048	QUAD DIODE ROHM EMN11	EMD6	6	D27-31; D33	ROHM	EMN11	●	Flextronics	
39	TTL00000049	D ZENER 5V6 SOD323	SOD323	1	D40	ROHM	UDZS 5.6B			
		VARISTOR								
40	TTL00000050	VARISTOR	VARISTOR_0603	1	D8	AVX	VC060314A300		Flextronics	
		VARISTOR PACK								
41	TTL00000051	VARISTOR 2 PACK	USB0002	2	D10; D26	AVX	USB0002DP		Flextronics	
		FILTER								
42	TTL00000052	FILTER BANDPASS	FILTER_CB00015	1	FL1	GEYER	1575.42MHZ KX-SF12.9B6	●	Geyer	Steve Gudge (steve.gudge@geyer-electronic co.uk) +44 7788 677 688
43	TTL00000053	EMI FILTER 4 PACK	EMI_FILTER_NFA21SL	4	FL2-5	MURATA	NFA21SL307X1A4HL		Flextronics	
44	TTL00000054	FILTER BANDPASS	TYPE_F_SOSHIN_1_5MM	1	FL6	SOSHIN	MDR713F	●	Compotron	Tim Round (tr@compotron.com) +44 1793 690720
		CONNECTOR								
45	TTL00000055	51 WAY 0.3MM PITCH ZIF FLEXI TAIL	CON_FPC_CFP75_51W	1	J1	SMK	CFP7551-0101	●	Flextronics	
46	TTL00000002	SMT USB MINI-B RECEPTACLE	CON_MINI_B_USB_RA	1	J2	AMP	440247-2		YAMAICHI GB	Mary Ricketts (mary.r@yamaichi.de) +44 1252 719754
47	TTL00000056	MMC/SD PUSH-PUSH RECEPTACLE	CON_FPS009_2405_0	1	J3	YAMAICHI	FPS009-2405-0		YAMAICHI GB	Mary Ricketts (mary.r@yamaichi.de) +44 1252 719754
48	TTL00000057	SIM CONNECTOR	CON_SIM_CCM03_3009	1	J4	ITTCANNON	CCM03-3009	●	Flextronics	
49	TTL00000003	DC POWER JACK	CON_DCJACK_LGP2331_0	1	J7	SMK	LGP2331-0401		Flextronics	
50	TTL0000058LF	FFC/FPC CONNECTOR 0.5MM PITCH	CON_MOLEX_52745_20W	1	J8	MOLEX	52745-2090	●	Flextronics	
51	TTL00000004	3.5MM STEREO AUDIO JACK	CON_JACK_TSH_3674AD	1	J9	TECHNIK INDUSTRIAL CO LTD	TSH-3674AD-PA6T-G	●	Flextronics	
		INDUCTOR								
52	TTL00000059	L SERIES 0402_IND 2% 27N	0402_IND	1	L1	MURATA	LQP15MN27NG02		Flextronics	
53	TTL00000060	L SERIES 0603_IND N/A 180R	0603_IND	7	L4; L12; L14-15; L25-26; L33	MURATA	BLM18PG181SN1		Flextronics	
54	TTL00000061	L SERIES 30% 4U7	IND_WURTH_WETPC_S	1	L5	WURTH	744031004	●	Flextronics	
55	TTL00000062	L SERIES 0603_IND 2% 120N	0603_IND	1	L6	MURATA	LQW18ANR12G00		Flextronics	
56	TTL00000063	L SERIES 0402_IND 0N2 4N7	0402_IND	1	L8	MURATA	LQW15AN4N7C00			
57	TTL00000064	L SERIES 0805_IND N/A 220R	0805_IND	1	L9	MURATA	BLM21PG221SN1		Flextronics	
58	TTL00000065	L SERIES IND 30% 3U6	IND_WURTH_WETPC_S	1	L11	WURTH	744031003	●	Flextronics	
59	TTL00000066	L MURATA LQH32CN53 10% 68U	IND_1210_LQH32C_53	2	L17-18	MURATA	LQH32CN680K53		Flextronics	
60	TTL00000067	L SERIES 0805_IND 20% 47U	0805_IND	2	L19-20	TAIYO YUDEN	LB2012T470M		Flextronics	
61	TTL00000188	L SERIES 0603_IND 5% 8N2	0603_IND	1	L23	MURATA	LQW18AN8N2D00			
62	TTL00000069	L SERIES 0402_IND 0N2 6N2	0402_IND	1	L32	MURATA	LQW15AN6N2C00		Flextronics	
		TRANSISTOR								
63	TTL00000070	Q PNP SOT323	SOT323	1	Q1	ROHM	DTA114YUA		Flextronics	
63		Q PNP SOT323	SOT323	1	Q1	Diode Inc	DDTA114YUA-7		Diode Inc	Michael Nokes (mjn@lineonesales.co.uk) +44 (0)7919 182989 price quoted is $0.0115 each
64	TTL00000071	P CHANNEL MOSFET	ROHM_EMT3	4	Q4-5; Q7-8	ROHM	RTE002P02		Flextronics	
65	TTL00000072	N CHANNEL MOSFET	SOT23	1	Q6	TOREX	XP151A12A2MR		Flextronics	
66	TTL00000073	Q NPN/PNP ROHM_EMT6	ROHM_EMT6	2	Q9-10	ROHM	EMD12T2R		Flextronics	
67	TTL00000074	N CHANNEL MOSFET	ROHM_EMT3	5	Q15-17; Q19; Q21	ROHM	2SK3019		Flextronics	
67		N CHANNEL MOSFET	ROHM_EMT3	5	Q15-17; Q19; Q21	Diode Inc	DCX144EH-7		Diode Inc	Michael Nokes (mjn@lineonesales.co.uk) +44 (0)7919 182989 price quoted is $0.026 each
68	TTL00000075	LOAD SWITCH	SC70_6	1	Q18	FAIRCHILD SEMICONDUCTOR	FDG6331L		Flextronics	
69	TTL00000076	P CHANNEL POWER MOSFET	CHIPFET_1206A	1	Q20	ON SEMICONDUCTOR	NTHS2101PT1			
		RESISTOR								
70	TTL00000077	R FILM 0.063W 1% 2R2	0402	4	R1; R172-173; R175	ANY			Flextronics	
71	TTL00000078	R FILM 0.063W 1% 10K	0402	24	R2; R44; R53; R57; R113-117; R142-143; R145; R155-157; R194;R205; R208; R211; R213; R224-225; R241-242;	ANY				
72	TTL00000079	R FILM 0.063W 1% 300K	0402	2	R25; R75	ANY			Flextronics	
73	TTL00000080	R FILM 0.063W 1% 200K	0402	5	R26, R64-65,R218; R239	ANY				

FPN	DESCRIPTION	QTY	MFR	MPN	REVISED MPN
	CAPACITOR				
TTL00000013	C X5R 6V3 10% 1U0 0603_CAP	27	DARFON		C1608X5R105KCT
TTL00000014	C X7R 16V 10% 10N 0402_CAP	12	AVX		0402YC103KAT2A
TTL00000015	C COG 25V 5% 15P 0402_CAP	2	AVX		04025A150JAT2A
TTL00000016	C X5R 6V3 10% 2U2 0603_CAP	2	AVX		06036D225KAT2A
TTL00000017	C COG 25V 0.25PF 3P3 0402_CAP	2	SURGE		SCM05C3R3CJANCA
TTL00000018	C COG 25V 5% 10P 0402_CAP	2	SURGE		SCM05C100JANCA
TTL00000019	C X7R 25V 10% 100N 0603_CAP	1	YAGEO		CC0603KRX7R8BB104
TTL00000020	C X5R 10V 10% 100N 0402_CAP	46	AVX		0402ZD104KAT2A
TTL00000021	C X5R 6V3 10% 10U 0805_CAP	20	DARFON		C2012X5R106KCP
TTL00000022	C COG 25V 5% 680P 0603_CAP	2	YAGEO		CC0603JRNPO9BN681(50V)
TTL00000023	C COG 25V 5% 1N0 0603_CAP	2	DARFON		C1608NPO102JFT
TTL00000024	C COG 25V 5% 47P 0402_CAP	1	ROHM		MCH155A470JK
TTL00000025	C COG 25V 5% 100P 0402_CAP	3	SURGE		SCM05C101JANCA
TTL00000026	C X7R 10V 10% 470P 0402_CAP	6	AVX		0402ZC471KAT2A
TTL00000027	C COG 25V 5% 330P 0402_CAP	2	DARFON		C1005NPO331JFT
TTL00000028	C COG 25V 5% 33P 0402_CAP	1	SURGE		SCM05C330JANCA
TTL00000029	C COG 25V 5% 18P 0402_CAP	5	ROHM		MCH155A180JK
TTL00000030	C COG 25V 5% 12P 0402_CAP	2	SURGE		SCM05C120JANCA
TTL00000031	C X5R 6V3 20% 4U7 0603_CAP	4	AVX		06036D475MAT2A
TTL00000032	C X7R 16V 10% 47N 0402_CAP	2	DARFON		C1005X7R473KET
TTL00000033	C COG 25V 5% 56P 0402_CAP	38	ROHM		MCH155A560JK
TTL00000034	C DIELECTRIC 3V3 20% 220M CAP_	1	ELNA	DSK3R3H	
TTL00000035	C COG 25V 5% 150P 0402_CAP	1	SURGE		SCM05C151JANCA
TTL00000036	C X7R 10V 10% 220N 0603_CAP	1	DARFON		C1608X7R224KDT
TTL00000037	C X5R 16V 10% 1U0 0603_CAP	3	AVX		0603YD105KAT2A
TTL00000038	C X7R 25V 10% 1N0 0402_CAP	1	AVX		04025C102KAT2A
TTL00000039	C COG 25V 5% 220P 0402_CAP	1	YAGEO		CC0402JRNPO9BN221(50V)
TTL00000040	C X5R 10V 10% 4U7 0805_CAP	1	HOLY STO		0805B475K010T
TTL00000042	C X5R 6V3 20% 100U 1210_CAP	2	AVX		12106D107MAT2A
TTL00000043	C COG 25V 0P5 1P0 0402_CAP	2	SURGE		SCM05C1R0DANCA
TTL00000044	C COG 25V 0P25 2P2 0603_CAP	1	DARFON		C1608NPO229CFT
TTL00000181	C COG 25V 0P25 1P2 0603_CAP	1	DARFON		C1608NPO129CFT
TTL00000182	C COG 25V 5% 20P 0402_CAP	0	DARFON		C1005NPO200JFT
	CAPACITOR POLARISED				
TTL00000183	C TANT 4V0 20% 33U TAC_R	1	AVX	TACR336	TACR336M004RTA
	DIODE				
TTL00000045	SCHOTTKY DIODE ROHM RB521S-30	9	ROHM	RB521S-3	RB521S-30TE61
		9			
TTL00000046	SINGLE SCHOTTKY DIODE " MANU R	1	ROHM	RB161M-2	RB161M-20TR
TTL00000047	DIODE ROHM 1SS400 SOD523	2	ROHM	1SS400	1SS400TE61
		2			
TTL00000048	QUAD DIODE ROHM EMN11 EMD6	6	ROHM	EMN11	EMN1172R
TTL00000049	D ZENER 5V6 SOD323SOD323	1	ROHM	UDZS 5.6B	UDZS TE-175.6B
	VARISTOR				
TTL00000050	VARISTOR VARISTOR_0603	1	AVX	VC060314	
	VARISTOR PACK				
TTL00000051	VARISTOR 2 PACK USB0002	2	AVX	USB0002D	USB0002RP
	FILTER				
TTL00000052	FILTER BANDPASS FILTER_CB00015	1	GEYER	1575.42M	12.98600
TTL00000053	EMI FILTER 4 PACK EMI_FILTER_N	4	MURATA	NFA21SL3	
TTL00000054	FILTER BANDPASS TYPE_F_SOSHIN_	1	SOSHIN	MDR713F	MDR713F-T
	CONNECTOR				
TTL00000055	51 WAY 0.3MM PITCH ZIF FLEXI T	1	SMK	CFP7551-	
TTL00000002	SMT USB MINI-B RECEPTACLE CON_	1	AMP	440247-2	
TTL00000056	MMC/SD PUSH-PUSH RECEPTACLE CO	1	YAMAICHI	FPS009-2	
TTL00000057	SIM CONNECTOR CON_SIM_CCM03_30	1	ITT CANN	CCM03-30	
TTL00000003	DC POWER JACK CON_DCJACK_LGP23	1	SMK	LGP2331-	LGP2331-0401C
TTL0000058LF	FFC/FPC CONNECTOR 0.5MM PITCH	1	MOLEX	52745-209	52746-2090
TTL00000004	3.5MM STEREO AUDIO JACK CON_JA	1	TECHNIK	TSH-3674	TSH-3674AD-PA6T-G-1
	INDUCTOR				
TTL00000059	L SERIES 0402_IND 2% 27N 0402_	1	MURATA	LQP15MN	LQP15MN27NG02D
TTL00000060	L SERIES 0603_IND N/A 180R 060	7	MURATA	BLM18PG	BLM18PG181SN1D
TTL00000061	L SERIES 30% 4U7 IND_WURTH_WET	1	WURTH	74403100	
TTL00000062	L SERIES 0603_IND 2% 120N 0603	1	MURATA	LQW18AN	LQW18ANR12G00D
TTL00000063	L SERIES 0402_IND 0N2 4N7 0402_	1	MURATA	LQW15AN	LQW15AN4N7C00D
TTL00000064	L SERIES 0805_IND N/A 220R 080	1	MURATA	BLM21PG	BLM21PG221SN1D
TTL00000065	L SERIES IND 30% 3U6 IND_WURTH	1	WURTH	74403100	
TTL00000066	L MURATA LQH32CN53 10% 68UIND_	2	MURATA	LQH32CN	LQH32CN680K53L
TTL00000067	L SERIES 0805_IND 20% 47U 0805	2	TAIYO YU	LB2012T4	
TTL00000188	L SERIES 0603_IND 5% 8N2 0603_	1	MURATA	LQW18AN	LQW18AN2D00D
TTL00000069	L SERIES 0402_IND 0N2 6N2 0402	1	MURATA	LQW15AN	LQW15AN6N2C00D
	TRANSISTOR				
TTL00000070	Q PNP SOT323 SOT323	1	ROHM	DTA114YU	DTA114YUAT106
		1			
TTL00000071	P CHANNEL MOSFET ROHM_EMT3	4	ROHM	RTE002P	RTE002P02FTL
TTL00000072	N CHANNEL MOSFET SOT23	1	TOREX	XP151A12	
TTL00000073	Q NPN/PNP ROHM_EMT6 ROHM_EMT6	2	ROHM	EMD12T2	
TTL00000074	N CHANNEL MOSFET ROHM_EMT3	5	ROHM	2SK3019	2SK3019TL
		5			
TTL00000075	LOAD SWITCH SC70_6	1	FAIRCHILD	FDG6331	
TTL00000076	P CHANNEL POWER MOSFET CHIPFET	1	ON SEMIC	NTHS210	
	RESISTOR				
TTL00000077	R FILM 0.063W 1% 2R2 0402	4	YAGEO		RC0402FR-072R2
TTL00000078	R FILM 0.063W 1% 10K 0402	24	ROHM		MCR01MZPF1002
TTL00000079	R FILM 0.063W 1% 300K 0402	2	ROHM		MCR01MZPF3003
TTL00000080	R FILM 0.063W 1% 200K 0402	5	ROHM		MCR01MZPF2003

APPROVED BY: Bill Nisbet
10th October 2004

74	TTL00000081	R FILM 0.063W 1% 13R	0402	1	R33	ANY			Flextronics	
75	TTL00000082	R FILM 0.063W 1% 6K8	0402	1	R36	ANY			Flextronics	
76	TTL00000083	R FILM 0.063W 1% 100R	0402	9	R37-42; R71; R98; R158	ANY			Flextronics	
77	TTL00000084	R FILM 0.063W 1% 620R	0402	1	R54	ANY			Flextronics	
78	TTL00000085	R FILM 0.063W 1% 1K0	0402	3	R55; R176; R255	ANY			Flextronics	
79	TTL00000086	R FILM 0.063W 1% 180K	0402	2	R56; R99	ANY			Flextronics	
80	TTL00000087	R FILM 0.063W 1% 150K	0402	2	R59; R74	ANY			Flextronics	
81	TTL00000088	R FILM 0.063W 1% 100K	0402	12	R60; R72; R100; R129-132; R195; R201; R214; R219-220	ANY			Flextronics	
82		R FILM 0.063W 1% 1K37	0402	1	R61	ANY			Flextronics	
83	TTL00000090			0						
84	TTL00000091	R FILM 0.063W 1% 47K	0402	5	R62;R67; R97; R112;R217	ANY			Flextronics	
85	TTL00000092	R FILM 0.063W 1% 11K	0402	1	R68	ANY			Flextronics	
86	TTL00000093	R FILM 0.063W 1% 18K	0402	1	R101	ANY			Flextronics	
87	TTL00000094	R FILM 0.063W 1% 82K	0402	1	R102	ANY			Flextronics	
88	TTL00000095	R FILM 0.063W 1% 22R	0402	22	R105; R165; R171; R192-193; R222-223; R254; R257;R260-266; R268-269; R271-272; R274-275	ANY				
89	TTL00000096	R FILM 0.063W 1% 0R0	0402	13	R136-140; R160-161; R188-190; R236; R238-239	ANY				
90	TTL00000097	R FILM 0.063W 1% 0R0 POSITION 1-2	JUMPER_3W_0402	2	R253; R256	ANY			Flextronics	
91	TTL00000098			0						
92	TTL00000099	R FILM 0.063W 1% 0R0 POSITION 2-3	JUMPER_3W_0402	3	R162; R237; R243	ANY			Flextronics	
93	TTL00000100	R FILM 0.063W 1% 56K	0402	2	R179-180	ANY			Flextronics	
94	TTL00000101	R FILM 0.063W 5% 1M0	0402	5	R196; R221; R246; R251-252	ANY			Flextronics	
95	TTL00000102	R FILM 0.063W 1% 15K	0402	3	R206-207; R216	ANY			Flextronics	
96	TTL00000103	R FILM 0.063W 1% 100R POSITION 1-2	JUMPER_3W_0402	1	R212	ANY			Flextronics	
97	TTL00000104	R FILM 0.063W 1% 3K0	0402	1	R215	ANY			Flextronics	
		RESISTOR PACK								
98	TTL00000106	RP FILM 0.063W 5% 22R	MNR04	9	RP1-9	ROHM		MNR04M0ABJ220	Flextronics	
		SWITCH								
99	TTL00000005	THRU HOLE TACT SWITCH	SW_PTH_SKQJL	2	SW14-15	ALPS		SKQJLBA010	Flextronics	
		TRANSFORMER								
100	TTL00000107	BALUN_FILTER_BLUETOOTH	DBF71B	1	TR1	SOSHIN		DBF71B101-CSR-T	Compotron	Tim Round (tr@compotron.com) +44 1793 690720
		INTEGRATED CIRCUIT								
101	TTL00000108	HIGH SPEED LDO 3V1	SOT23_5PIN	6	U1; U4; U16; U30; U45; U53	TOREX		XC6219A312MR	Flextronics	
102	TTL00000109	BLUECORE3 ROM	VFBGA84	1	U3	CSR		BC313143A05-IRK-E4	Spectrix	Kate Matlock +44 1530 511170
103	TTL00000110	APPLICATIONS PROCESSOR	FBGA_289	1	U6	SAMSUNG		S3C2440	NVIDIA UK	
104	TTL00000111	EMI FILTER	SOT363	1	U7	ON SEMICONDUCTOR		NUF2221W1T2	Samsung UK	Stewart Tutt (Stutt@samsungsemi.co.uk) +44 1926 623 292
105	TTL00000112	CONSTANT CURRENT LED DRIVER	QFN8	1	U8	TEXAS_INSTRUMENTS		TPS61042DRB	Flextronics	
106	TTL00000113	16M X 16BIT WIDE SDRAM	FBGA_54	2	U9-10	SAMSUNG		K4S56163LF-XG75	Samsung UK	Stewart Tutt (Stutt@samsungsemi.co.uk) +44 1926 623 292
107	TTL00000114	EMI FILTER 3-LINE	BGA_EMIF03_SIM01	1	U12	STM		EMIF03-SIM01	Flextronics	
108	TTL00000115	DAC	QFN40_PADDLE	1	U14	MICRONAS		DAC3560C	Micronas	Jullian Richards (Julian.richards@micronas.com) +44 1483 566333
109	TTL00000184	MIDI SYNTH - MP3 DECODER	FBGA_40	1	U15	MICRONAS		MAS3515G		Jullian Richards (Julian.richards@micronas.com) +44 1483 566333
110	TTL00000117	HIGH SPEED LDO 2V8	SOT23_5PIN	1	U17	TOREX		XC6219A282MR	Flextronics	
111	TTL00000118	4MBIT FLASH MEMORY	FBGA_48_6X9	1	U18	AMD		AM29LV400BB90WAC	Emporium Partners	Patrik Nilsson (pnilsson@emporiumpartners.com) +44 2073841798
112	TTL00000119	GPS ENGINE	BGA_144	1	U19	SIRF		GSP2E/LP-7451	Sequoia Technology Ltd	Wayne Chatfield (wayne.chatfield@sequoia.co.uk) +44 118 976 9037
113	TTL00000120	GPS_RF_FRONT_END	QFN32	1	U20	SIRF		GRF2I-LP-0214	Sequoia Technology Ltd	Wayne Chatfield (wayne.chatfield@sequoia.co.uk) +44 118 976 9037
114		HIGH SPEED LDO 1V5	SOT23_5PIN	1	U21	TOREX		XC6219A152MR		
115	TTL00000122	HIGH SPEED LDO 1V2	SOT23_5PIN	1	U22	TOREX		XC6219A122MR	Flextronics	
116	TTL00000123	BATTERY CHARGER	MLP10	1	U23	TEXAS INSTRUMENTS		BQ24010DRC	Flextronics	
117	TTL00000124	LOW NOISE ULTRA LDO REGULATOR	LLP8_MED	1	U24	NATIONAL		LP3982ILDX-ADJ	Flextronics	
118	TTL00000125	HIGH SPEED LDO 2V6	SOT23_5PIN	1	U25	TOREX		XC6219A26MR		
119	TTL00000126	SWITCHING REGULATOR 1V3	SOT23_5	1	U26	TOREX		XC9216A13CMR	Flextronics	
120	TTL00000127	LTPS TIMING CONTROL AND DRIVER	TFBGA128	1	U27	TOPPOLY		TP014B_BGA	Anders Electronics	Paul Hooper (p.hooper@anders.co.uk) +44 20 7874 1911
121	TTL00000128	LTPS LEVEL SHIFTER	TFBGA44	1	U28	TOPPOLY		TP003D_BGA	Anders Electronics	Paul Hooper (p.hooper@anders.co.uk) +44 20 7874 1911
122	TTL00000129	LOW IQ LDO 3V2	SOT23	1	U29	TOREX		XC6206P322MR	Flextronics	
123	TTL00000130	VOLTAGE DETECTOR 3V2	SC82	2	U31; U56	TOREX		XC61CN3202NR	Flextronics	
124	TTL00000131	HIGH SPEED LDO 1V3	SOT23_5PIN	1	U37	TOREX		XC6219A132MR	Flextronics	
125	TTL00000132	DUAL OUTPUT SWITCHER	MSOP10	1	U40	TOREX		XC9504B093AR	Flextronics	
126	TTL00000133	FLASH STORAGE PRE-PROGRAMMED with Version 1	FBGA_85_7X10	1	U41	ARROW		TTL00000133	M-Systems / Arrow Electronics	Nigel Marlborough (nmarlborough@arrowuk.com) +44 7721 644142 (Will be done in Hong Kong)
128	TTL00000134	STEREO DAC	PQFP_N2	1	U46	TEXAS INSTRUMENTS		PCM1773RGA	Flextronics	
129	TTL00000135	EMI FILTER 4-LINE	BGA_EMIF04_MMC02F1	3	U47-48; U52	STM		EMIF04-MMC02F1	Flextronics	
130	TTL00000136	LOW IQ LDO 1V8	SOT23	1	U49	TOREX		XC6206P182MR	Flextronics	
131	TTL00000137	RF LNA	SOT23_6	1	U50	MAXIM		MAX2641EUT_T	Flextronics	
132	TTL00000138	DUAL INVERTER	MP6	1	U54	FAIRCHILD		NC7WZ04L6X		
133	TTL00000139	2-INPUT AND GATE	BGA_5	2	U55; U61	ANY		HD74LVC1G08	Flextronics	
134	TTL00000140	CPU SUPERVISOR & RESET GENERATOR	SOT23_5	1	U57	MAXIM		MAX6443UK23L-T	Flextronics	
135	TTL00000141	GRAPHICS PROCESSOR	FBGA_168	1	U58	NVIDIA		GOFORC3D4500-R-A3		
136	TTL00000142	HIGH SPEED LDO 2V5	SOT23_5PIN	1	U59	TOREX		XC6219A252MR		
136		HIGH SPEED LDO 2V7	USP_6B	1	U60	TOREX		XC6219A272DR		
		MODULE								
137	TTL00000144	TRI-BAND GSM/GPRS MODULE	LCC32_43X29X3_3	1	U13	CHI MEI COMMUNICATION SYSTEMS		10TN020A01	CHIMEI Communication systems	Richard Cheng (richardcheng@tp.cmcs.com.tw)
		CRYSTAL								
138	TTL00000145	CRYSTAL TOYOCOM_TSX_10 TOYOCOM TN4-25820	TOYOCOM_TSX_10	1	X1	TOYOCOM		TN4-25820	Flextronics	
139	TTL0000146LF	32KHZ WATCH CRYSTAL	MC146	2	X2-3	EPSON		MC-146 32.768K-A-A	Flextronics	
140	TTL00000147	TCXO 24.5535MHZ	TCXO_IT53XX	1	X5	RAKON		TX3454	Novacom Microwave Ltd	Trevor Wilson (Trevor.wilson@novacom-mwave.com) +44 1522 751136
141	TTL00000148	SMD CRYSTAL 12MHZ	XTAL_NDK_NX4025DA	1	X6	NDK		W-191-438	Flextronics	Geyer offers alternative
141	TTL00000149	SMD CRYSTAL 12MHZ	12.88804	1	X6	Geyer		12.88804	Geyer	Steve Gudge (steve.gudge@geyer-electronic.co.uk) +44 7788 677 688
		BLUETOOTH_ANTENNA								
142	TTL00000150	Z SANGSHIN KSCA-S2442CP	KSCA_SANGSHIN_2	1	Z1	SANGSHIN		KSCA-S2442CP	Compotron	Tim Round (tr@compotron.com) +44 1793 690720
		Miscellaneous								
143	TTL00000151	3D PCB		1		PARAGON		EDP3CD04	EDP3CD04	Steve Berkes (steve@paragoncircuits.co.uk) +44 1733 234754
144	TTL00000152	BASEBAND SCREENING CAN(lid)		1		C & F		EDM01W02	TBA	
	TTL00000153	BASEBAND SCREENING CAN(base)		1		C & F				
145	TTL00000154	BLUETOOTH SCREENING CAN(lid)		1		C & F		EDM02W04	TBA	
	TTL00000155	BLUETOOTH SCREENING CAN(base)		1		C & F				
146	TTL00000156	CAMERA SCREENING FENCE		1		C & F		EDM03W02	TBA	
147	TTL00000157	GPS SCREENING CAN(lid)		1		C & F		EDM04W02	TBA	
	TTL00000158	GPS SCREENING CAN(base)		1		C & F				
148	TTL00000159	BASEBAND 2 SCREENING CAN(lid)		1		C & F		EDM07W02	TBA	
	TTL00000160	BASEBAND 2 SCREENING CAN(base)		1		C & F				
149	TTL00000161	GPS PROCESSOR SCREENING CAN(lid)		1		C & F		EDM08W02	TBA	
	TTL00000162	GPS PROCESSOR SCREENING CAN(base)		1		C & F				
150	TTL00000163	AUDIO SCREENING CAN(lid)		1		C & F		EDM09W02	TBA	
	TTL00000164	AUDIO SCREENING CAN(base)		1		C & F				
151		SERIAL NUMBER LABEL		1		DATA-PRO			LABEL 1	
		Grand Total		492						

TTL00000081	R FILM 0.063W 1% 13R 0402	1	ROHM		MCR01MZPF13R0					
TTL00000082	R FILM 0.063W 1% 6K8 0402	1	ROHM		MCR01MZPF6801					
TTL00000083	R FILM 0.063W 1% 100R 0402	9	ROHM		MCR01MZPF1000					
TTL00000084	R FILM 0.063W 1% 620R 0402	1	ROHM		MCR01MZPF6200					
TTL00000085	R FILM 0.063W 1% 1K0 0402	3	ROHM		MCR01MZPF1001					
TTL00000086	R FILM 0.063W 1% 180K 0402	2	ROHM		MCR01MZPF1803					
TTL00000087	R FILM 0.063W 1% 150K 0402	2	ROHM		MCR01MZPF1503					
TTL00000088	R FILM 0.063W 1% 100K 0402	12	ROHM		MCR01MZPF1003					
TTL00000089	R FILM 0.063W 1% 1K5 0402	1	ROHM		MCR01MZPF1501					
TTL00000090	R FILM 0.063W 1% 16K 0402	0	ROHM		MCR01MZPF1602					
TTL00000091	R FILM 0.063W 1% 47K 0402	5	ROHM		MCR01MZPF4702					
TTL00000092	R FILM 0.063W 1% 11K 0402	1	ROHM		MCR01MZPF1102					
TTL00000093	R FILM 0.063W 1% 18K 0402	1	ROHM		MCR01MZPF1802					
TTL00000094	R FILM 0.063W 1% 82K 0402	1	ROHM		MCR01MZPF8202					
TTL00000095	R FILM 0.063W 1% 22R 0402	22	ROHM		MCR01MZPF22R0					
TTL00000096	R FILM 0.063W 1% 0R0 0402	13	YAGEO		RC0402JR-070R					
TTL00000097	R FILM 0.063W 1% 0R0 POSITION	2	YAGEO		RC0402JR-070R					
TTL00000098	R FILM 0.063W 1% 0R0 POSITION	0	YAGEO		RC0603JR-070R					
TTL00000099	R FILM 0.063W 1% 0R0 POSITION	3	YAGEO		RC0402JR-070R					
TTL00000100	R FILM 0.063W 1% 56K 0402	2	ROHM		MCR01MZPF5602					
TTL00000101	R FILM 0.063W 5% 1M0 0402	5	YAGEO		RC0402JR-071M					
TTL00000102	R FILM 0.063W 1% 15K 0402	3	ROHM		MCR01MZPF1502					
TTL00000103	R FILM 0.063W 1% 100R POSITION	1	ROHM		MCR01MZPF1000					
TTL00000104	R FILM 0.063W 1% 3K0 0402	1	ROHM		MCR01MZPF3001					
	RESISTOR PACK									
TTL00000106	RP FILM 0.063W 5% 22R MNR04	9	ROHM	MNR04M						
	SWITCH									
TTL00000005	THRU HOLE TACT SWITCH SW_PTH_S	2	ALPS	SKQJLBA						
	TRANSFORMER									
TTL00000107	BALUN_FILTER_BLUETOOTH DBF71B	1	SOSHIN	DBF71B10						
	INTEGRATED CIRCUIT									
TTL00000108	HIGH SPEED LDO 3V1 SOT23_5PIN	6	TOREX	XC6219A3						
TTL00000109	BLUECORE 3 ROM VFBGA84	1	CSR	BC313143A05-IRK-E4						
TTL00000110	APPLICATIONS PROCESSOR FBGA_28	1	SAMSUNG	S3C2440	S3C2440A40-YQR0					
TTL00000111	EMI FILTER SOT363	1	ON SEMIC	NUF2221V						
TTL00000112	CONSTANT CURRENT LED DRIVER QF	1	TEXAS IN	TPS61042	TPS61042DRBR					
TTL00000113	16M X 16BIT WIDE SDRAM FBGA_54	2	SAMSUN	K4S56163						
TTL00000114	EMI FILTER 3-LINE BGA_EMIF03_S	1	STMICRO	EMIF03-SI						
TTL00000115	DAC QFN40_PADDLE	1	MICRONA	DAC3560C	DAC3560C-XN-B1					
TTL00000184	MIDI SYNTH - MP3 DECODER FBGA_	1	MICRONA	MAS3515	MAS3515G-BQ-A3					
TTL00000117	HIGH SPEED LDO 2V8 SOT23_5PIN	1	TOREX	XC6219A2						
TTL00000118	4MBIT FLASH MEMORY FBGA_48_6X9	1	AMD	AM29LV4	AM29LV400BB-90WAC					
TTL00000119	GPS ENGINE BGA_144	1	SIRF	GSP2E/LP						
TTL00000120	GPS_RF_FRONT_END QFN32	1	SIRF	GRF2I-LP-						
TTL00000185	HIGH SPEED LDO 1V7 SOT23_5PIN	1	TOREX	XC6219A1						
TTL00000122	HIGH SPEED LDO 1V2 SOT23_5PIN	1	TOREX	XC6219A1						
TTL00000123	BATTERY CHARGER MLP10	1	TEXAS IN	BQ24010D	BQ24010DRCR					
TTL00000124	LOW NOISE ULTRA LDO REGULATOR	1	NATIONAL	LP3982IL						
TTL00000125	HIGH SPEED LDO 2V6SOT23_5PIN	1	TOREX	XC6219A2						
TTL00000126	SWITCHING REGULATOR 1V3 SOT23	1	TOREX	XC9216A1						
TTL00000127	LTPS TIMING CONTROL AND DRIVER	1	TOPPOLY	TP014B_B	TP014B					
TTL00000128	LTPS LEVEL SHIFTER TFBGA44	1	TOPPOLY	TP003D_B	TP003D					
TTL00000129	LOW IQ LDO 3V2 SOT23	1	TOREX	XC6206P3						
TTL00000130	VOLTAGE DETECTOR 3V2 SC82	2	TOREX	XC61CN3						
TTL00000131	HIGH SPEED LDO 1V3 SOT23_5PIN	1	TOREX	XC6219A1						
TTL00000132	DUAL OUTPUT SWITCHER MSOP10	1	TOREX	XC9504B						
TTL00000133	FLASH STORAGE PRE-PROGRAMMED	1	M-SYSTEM	MD4832-D	MD4832-D512-V3Q18-X					
TTL00000134	STEREO DAC PQFP_N2	1	TEXAS IN	PCM1773	PCM1773RGAR					
TTL00000135	EMI FILTER 4-LINE BGA_EMIF04_M	3	STMICRO	EMIF04-M						
TTL00000136	LOW IQ LDO 1V8 SOT23	1	TOREX	XC6206P1						
TTL00000137	RF LNA SOT23_6	1	MAXIM	MAX2641	MAX2641EUT-T					
TTL00000138	DUAL INVERTER MP6	1	FAIRCHIL	NC7WZ04						
TTL00000139	2-INPUT AND GATE BGA_5	2	RENESAS	HD74LVC	HD74LVC1G08CP					
TTL00000140	CPU SUPERVISOR & RESET GENERAT	1	MAXIM	MAX6445	MAX6445UK23L-T					
TTL00000141	GRAPHICS PROCESSOR FBGA_168	1	NVIDIA	GOFORC						
TTL00000142	HIGH SPEED LDO 2V5 SOT23_5PIN	1	TOREX	XC6219A2						
TTL00000186	HIGH SPEED LDO 2V7 USP_6B	1	TOREX	XC6219A2						
	MODULE									
TTL00000144	TRI-BAND GSM/GPRS MODULE LCC32	1	CHI MEI	10NTN020						
	CRYSTAL									
TTL00000145	CRYSTAL TOYOCOM_TSX_10 TOYOCOM	1	TOYOCOM	TN4-2582						
TTL0000146LF	32KHZ WATCH CRYSTAL MC146	2	EPSON	MC-146 32						
TTL00000147	TCXO 24.5539MHZ TCXO_IT53XX	1	RAKON	TX3454						
TTL00000148	SMD CRYSTAL 12MHZ XTAL_NDK_NX4	1	NDK	W-191-43						
	BLUETOOTH_ANTENNA									
TTL00000150	Z SANGSHIN KSCA-S2442CP KSCA_S	1	SANGSHI	KSCA-S24						
	MISCELLANEOUS									
TTL00000151	PCB	1	PARAGON	EDP3CD0						
TTL00000152	BASEBAND SCREENING CAN(lid)	1	C & F	EDM01W0						
TTL00000153	BASEBAND SCREENING CAN(base)	1	C & F							
TTL00000154	BLUETOOTH SCREENING CAN(lid)	1	C & F	EDM02W0						
TTL00000155	BLUETOOTH SCREENING CAN(base)	1	C & F							
TTL00000156	CAMERA SCREENING FENCE	1	C & F	EDM03W0						
TTL00000157	GPS SCREENING CAN(lid)	1	C & F	EDM04W0						
TTL00000158	GPS SCREENING CAN(base)	1	C & F							
TTL00000159	BASEBAND 2 SCREENING CAN(lid)	1	C & F	EDM07W0						
TTL00000160	BASEBAND 2 SCREENING CAN(base)	1	C & F							
TTL00000161	GPS PROCESSOR SCREENING CAN(li	1	C & F	EDM08W0						
TTL00000162	GPS PROCESSOR SCREENING CAN(ba	1	C & F							
TTL00000163	AUDIO SCREENING CAN(lid)	1	C & F	EDM09W0						
TTL00000164	AUDIO SCREENING CAN(base)	1	C & F							
TTL00000187	SERIAL NUMBER LABEL	1	DATA-PRO							

APPROVED BY *Bill Nisbet*

DATE *10th April 2005*

TTL-90N-GZ203B104	PCB ASSEMBLY		1		-	GZ203B104		FLEXTRONICS		
TTL00000006	FUNCTION KEYMAT		1		MNR	EDM28M / EDA06A				
TTL00000007	FUNCTION KEY CLICK DOME CARRIE		1		MNR	EDM30M				
TTL00000008	SELECT BUTTON KEYMAT		1		MNR	EDM13M / EDA05A				
TTL00000009	NAV BUTTON KEYMAT		1		MNR	EDM11M / EDA07A				
TTL00000010	CASE SCREWS		7		YERD	3060239				
TTL00000012	CASE UPPER ASSEMBLY		1		AML	EDA06B				
TTL00000165	DISPLAY SUPPORT PAD		1		NEW RISINGSUN	EDM31Z				
TTL00000166	CASE LABEL INC IMEI		1		CORDIALITY	EDM27L				
TTL00000167	BATTERY CONNECTOR CON_BATT_AV		1		AVX	58-9155-003-000-053S				

	UNIT ASSEMBLY									
TTL-90N-GZ203	PCB ASSEMBLY	1	-	GZ203B10						
TTL00000006	FUNCTION KEYMAT	1	MNR	EDM28M /						
TTL00000007	FUNCTION KEY CLICK DOME CARRIE	1	MNR	EDM30M						
TTL00000008	SELECT BUTTON KEYMAT	1	MNR	EDM13M /						
TTL00000009	NAV BUTTON KEYMAT	1	MNR	EDM11M /						
TTL00000010	CASE SCREWS	7	YERD	3060239	MZX8 TP/B-BZ (TORX)					
TTL00000012	CASE UPPER ASSEMBLY	1	AML	EDA06B						
TTL00000165	DISPLAY SUPPORT PAD	1	NEW RISI	EDM31Z						
TTL00000166	CASE LABEL INC IMEI	1	CORDIAL	EDM27L						
TTL00000167	BATTERY CONNECTOR CON_BATT_AV	1	AVX	58-9155-0						

TTL00000168	GPS ANTENNA		1		FRACTUS	FR01-P1-E-0-008		FRACTUS	Michael Price (michael.price@fractus.com) +44 131 476 2990	TTL00000168	GPS ANTENNA	1	FRACTUS	FR01-P1-E	
TTL00000169	GSM ANTENNA		1		FRACTUS	FR01-DGK-0-007		FRACTUS	Michael Price (michael.price@fractus.com) +44 131 476 2990	TTL00000169	GSM ANTENNA	1	FRACTUS	FR01-DGK	
TTL00000170	RETAINING SCREW FOR BOTH ANTEN		3		YERD	PNN18X06PZZN				TTL00000170	RETAINING SCREW FOR BOTH ANTEN	3	YERD	PNN18X06	M1.8X6 P/T-WZ (EJOT PT THREAD)
TTL00000171	CAMERA		1		LITEON	OV7649FSG		TDC	Louise Taylor +44 1256 332800	TTL00000171	CAMERA	1	LITEON	OV7649FS	LT7649FSG-OV-STN
TTL00000172	CAMERA RETAINING PAD		1		NEW RISINGSUN	EDM24Z				TTL00000172	CAMERA RETAINING PAD	1	NEW RISI	EDM24Z	
TTL00000173	CAMERA CAN LID		1		C & F	EDM15W				TTL00000173	CAMERA CAN LID	1	C & F	EDM15W	
TTL00000174	CAMERA GASKET		1		NEW RISINGSUN	EDM32Z		AML		TTL00000174	CAMERA GASKET	1	NEW RISI	EDM32Z	
TTL00000175	U NAMIKI 4CH-0803W-XX MOTOR_4C		1		NAMIKI	4CH-0803W-XX		NAMIKI UK	Julia Streeter (j-streeter@namikipi.com) +44 1923 228816	TTL00000175	U NAMIKI 4CH-0803W-XX MOTOR_4C	1	NAMIKI	4CH-0803	4CH-0803AW-17
TTL00000176	U SCG-16B-LS SPEAKER SPKR_SCG6		1		STAR MICRONICS	SCG-16B-LS		Star Micronics Co Ltd	Tatsuya Tokumoto (tokumoto@star-m.jp) +81 542618176	TTL00000176	U SCG-16B-LS SPEAKER SPKR_SCG6	1	STAR MIC	SCG-16B-	
TTL00000177	2.8 INCH DISPLAY		1		TOPPOLY	TC028SREA1		Anders Electronics	Paul Hooper (p.hooper@anders.co.uk) +44 20 7874 1911	TTL00000177	2.8 INCH DISPLAY	1	TOPPOLY	TC028SRE	TC028SHEA1
TTL00000180	MZ NYLON WASHER 0.8mm THK		1		YERD					TTL00000180	MZ NYLON WASHER 0.8mm THK	1	YERD		Z 15X5.0X0.8 WASHER-NYLON
TTL00000189	CASE LOWER ASSEMBLY with BATTERY COVER		1		AML	EDA05B				TTL00000189	CASE LOWER ASSEMBLY with BATTE	1	AML	EDA05B	
	SHIPPING PACKAGING (50 Units)		**0.02**		TBA										
												179 ITEMS			**GRAND TOTAL :**

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APPROVED BY: Bill Nisbet
10th October 2004