

ST022-V0.2B 850&1900_52D_FM_2SIM_V01_530ST0220202

No	Comment	Discription	Footprint	Designator	Num	Part NO.	VENDOR
Capacitor							
1	0.5PF	Capacitor 0402 0.5pF \pm 0.25pF 50V	402	C100	1	C0402C0G0R5C500NT	YAGEO
2	1.5PF	Capacitor 0402 1.5pF \pm 0.25pF 50V	402	C103	1	C0402C0G1R5C500NT	
3	1.8pF	Capacitor 0402 1.8PF \pm 0.25pF 50V	402	C112	1	C0402C0G1R8C500NT	
4	3.6pF	Capacitor 0402 3.6pF \pm 0.25pF COG 50V	402	C129, C130	2	C0402C0G3R6C500NT	
5	5.6pF	Capacitor 0402 5.6PF \pm 0.5pF 50V	402	C118	1	C0402C0G5R6C500NT	
6	6pF	Capacitor 0402 6pf \pm 0.5pf 50V	402	C104, C105, C108	3	C0402C0G6R0C500NT	
7	8pF	Capacitor 0402 8PF \pm 0.5pF 50V	402	C123, C124	2	C0402C0G8R0C500NT	
8	12pF	Capacitor 0402 12PF \pm 0.5PF 50V	402	C131	1	C0402C0G120D500NT	
9	18pF	Capacitor 0402 18PF \pm 5% 50V	402	C117, C305, C306, RV505, RV506, RV509, RV510, C607, C608, C609, C610	11	C0402C0G180J500NT	
10	22pF	Capacitor 0402 22pF \pm 5% 50V	402	C106, C109, C718, C134	4	C0402C0G220J500NT	
11	27pF	Capacitor 0402 27pF \pm 5% 50V	402	C114, C601	2	C0402C0G270J500NT	
12	33pF	Capacitor 0402 33PF \pm 5% 50V	402	C304, C505, C506, C513, C514, C519, C520, C524, C526, C507, C509	11	C0402C0G330J500NT	
13	100pF	Capacitor 0402 100PF \pm 5% 50V	402	C504, C512, C518, C525, C508	5	C0402C0G101J500NT	
14	220pF	Capacitor 0402 220pF \pm 5% 50V	402	C107	1	C0402C0G221J500NT	
15	1nF	Capacitor 0402 1NF \pm 10% 50V	402	RV511, RV512, RV513	3	C0402X7R102K500NT	
16	15nF	Capacitor 0402 15NF \pm 10% 25V	402	C521, C522	2	C0402X7R153K250NT	
17	22nF	Capacitor 0402 22NF \pm 10% 25V	402	C719	1	C0402X7R223K250NT	
18	100nF	Capacitor 0402 100NF \pm 10% 10V	402	C110, C201, C501, C502, C510, C511, C602, C604, C600	9	C0402X5R104K100NT	
19	1uF(0402)	Capacitor 0402 1UF \pm 10% 10V	402	C119, C120, C302, C308, C309, C313, C318, C321, C322, C323, C324, C326, C328, C401, C404, C408, C605, C606, C720, C721, C722, C603, C314	23	C0402X5R105K100NT	
20	1uF(0603)	Capacitor 0603 1UF \pm 10% 16V	603	C307, C319, C523	3	C0603X5R105K160NT	

21	2.2uF	Capacitor 0603 2.2UF ±10% 6.3V	603	C311, C312, C320, C325	4	C0603X5R225K6R3NT	
22	4.7u/10V (X5R)	Capacitor 0603 4.7UF ±10% 6.3V	603	C202, C301, C310, C330	4	C0603X5R475K6R3NT	
23	10uF	Capacitor 0805 10UF ±15% 6.3V T=0.85	805	C315, C503, C515, C516, C517	5	C0805X5R106M6R3NTE (T=0.85)	
24	47uF(A size tan)	3216 Tan Capacitor (47uF 6.3V ± 20%)	TAJA476M006R	C303	1	TAJA476M006R	AVX
Resistor							
1	0	Resistor 0402 0 Ω ±5% 0.063W	402	R106, R120, R121, R122, R305, R319, R709, L1 03, L201, R601, R613, R630, C137, C138	14	RC0402JR-070RL	YAGEO
2	5.1	Resistor 0402 5.1 Ω ±5% 0.063W	402	R537, R538	2	RC0402JR-075R1L	
3	0.2/(1% 0805 1/4W)	Resistor 0805 0.22 Ω, ±1% 1/4W	805	R315	1	RL0805FR-7W0R22L	
4	10	Resistor 0402 10 Ω ±5% 0.063W	402	R429, R435	2	RC0402JR-0710RL	
5	100	Resistor 0402 100 Ω ±5% 0.063W	402	R401, R402, R403, R404, R428, R432, R508, R5 09	8	RC0402JR-07100RL	
6	200	Resistor 0402 200 Ω ±5% 0.063W	402	R208, R209	2	RC0402JR-07200RL	
7	1K	Resistor 0402 1K Ω ±5% 0.063W	402	R103, R109, R304, R411, R501, R504, R505, R5 07, R510	9	RC0402JR-071KL	
8	1.5K	Resistor 0402 1.5K Ω ±5% 0.063W	402	R306, R502, R503, R506	4	RC0402JR-071K5L	
9	2.2K	Resistor 0402 2.2K Ω ±5% 0.063W	402	R430	1	RC0402JR-072K2L	
10	4.7K	Resistor 0402 4.7K Ω ±5% 0.063W	402	R608, R609	2	RC0402JR-074K7L	
11	6.8K	Resistor 0402 6.8K Ω ±5% 0.063W	402	R312	1	RC0402JR-076K8L	
12	10K	Resistor 0402 10K Ω ±5% 0.063W	402	R101, R431	2	RC0402JR-0710KL	
13	24K	Resistor 0402 24K Ω ±1% 0.063W	402	R303	1	RC0402FR-0724KL	
14	33K	Resistor 0402 33K Ω ±5% 0.063W	402	R102, R311	2	RC0402JR-0733KL	
15	47K	Resistor 0402 47K Ω ±5% 0.063W	402	R408, R409, R410, R512	4	RC0402JR-0747KL	

16	51K	Resistor 0402 51KΩ ±5% 0.063W	402	R511, R530	2	RC0402JR-0751KL	
17	68K	Resistor 0402 68KΩ ±5% 0.063W	402	R320	1	RC0402JR-0768KL	
18	360K	Resistor 0402 360KΩ ±5% 0.063W	402	R310	1	RC0402JR-07360KL	
Inductor							
1	3.9nH	Inductor0402 3.9NH ±3% RoHS	402	L104	1	MGCI1005T3N9TT-LF	microgate
2	18nH	Inductor0402 18NH ±3%	402	L107	1	MGCI1005T18NTT-LF	microgate
3	100nH	Inductor0402 100NH ±5%	402	L708	1	MGCI1005TR10JT-LF	microgate
4	MGSB1005A750T-LF	Bead 0402 BLM15BB750SN1D	402	L501, L502, L602	3	MGSB1005A750T-LF	microgate
5	MGHB1005S102T-LF	0402Bead(1000 ohm) 250mA MGHB1005S102T-LF	402	L516, L517, L518	3	MGHB1005S102T-LF	microgate
6	600Ω Bead, 0402	Bead 0402 600Ω@100MHz 100mA	402	L503, L504, L205, L206	4	MGGB1005M601HT-LF	microgate
7	600Ω Bead, 0603	Bead 0603 600Ω ±25% 500mA	603	L505, L506	2	MHLB1608S601TOR5-LF	microgate
Misc							
1	PZ3D4V2H	Zener diode 5.1V 500mW PZ3D4V2H	SOD-323	DZ301	1	PZ3D4V2H	Presemi
2	HL0402-121L2R5PP	HL0402-121L2R5PP	402	RV501, RV502, RV503, RV504	4	SFI0402-240E2R5PP-LF	morsun
3	PNM723T703E0-2	N channel MOSFET, PNM723T703E0-2	SC75A-SC105AA	T301	1	PNM723T703E0-2	Prisemi
4	LED	0603 Blue LED	LED (KEYBOARD)	D401, D402, D403, D404, D411, D412	6	BL-HB336G-TRB	BRIGHT
5	2SC4617TLQ	NPN, V _{ceo} =50V, I _c =150mA	2SC4617TLQ	T404	1	2SC4617TLQ	ROHM
6	26MHz_TXC7M26000028	TXC 3.2*2.5mm, IC Crystal 26MHz CL=7.5pF	TCX03225	X101	1	7M26000028	TXC
7	EFCH881MTDA1	SAW; GSM850; 881M; 1.4x1.1	EFCH881MTDA1	Z103	1	EFCH881MTDA1	Panasonic
8	EFCH1960TDA1	SAW; PCS; 1960M; 1.4x1.1	EFCH1960TDA1	Z102	1	EFCH1960TDA1	Panasonic
9	MT6252DA	BB chip, MT6252DA	MT6252/TFBGA-305ball/P0.5/(11.6X12.1)	U201	1	MT6252DA	MTK
10	SN2010	Class D audio AMP	CSP-9	U501	1	SN2010AIY09E	Si-en
11	FM	FM 2*2mm, 12pin-QFN	RDA5802NM	U702	1	RDA5802NM	RDA
12	PT236T30E2	Power transistor PT236T30E2	PT236T30E2	Q301	1	PT236T30E2	Presemi

13	OSC32K	Crystal 32.768KHz	32K_XTL721200-S999-286	X301	1	MC-146	EPSON
14	SKY77555-21	RF Front Module, SKY77555-21	SKY77555-21	U101	1	SKY77555-21	SKYWORKS
15	PAN30-03626-1500	Battery Connector, PAN30-03626-1500	3.0pitch, 8.4x3.5x6.2mmH	J301	1	PAN30-03626-1500	LCN
16	Mini 12PIN USB	12PIN H2.0 DIP, MICFS-01215-TP03	MICFS-01215-TP03	J500	1	MICFS-01215-TP03	LCN
17	TFRHS-00815-TP00	T-FLASH Card	1.9mmH	J401	1	TFRHS-00815-TP00	LCN
18	SIM Card	hinge type, H1.8(CAF99-06183-1503)	1.80mmH	J402, J403	2	CAF99-06183-1503	LCN
19	shielding cover	RF shielding cover, 24.45x28.35x1.7mm, ST022			1	RF shielding cover, 24.45x28.35x1.7mm, ST022	
20	PCB	ST022-MB-V0.2 PCB			1	ST022-MB-V0.2 PCB	

Total

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