

ST023-V0.1B 850&1900_52D_FM_NO BT_NO T Card_1SIM

Item NO	Description	Footprint	Designator	Quantity	Part NO.	Vendor
CAP						
1	CAP 0402 0.5pF ±0.25pF 50V	402	C100	1	C0402COG0R5C500NT	Yu Yang
2	CAP 0402 1.5pF ±0.25pF 50V	402	C103	1	C0402COG1R5C500NT	
3	CAP 0402 1.8PF ±0.25pF 50V	402	C112	1	C0402COG1R8C500NT	
4	CAP 0402 3.9PF ±0.25PF 50V	402	C129, C130	2	C0402COG3R9C500NT	
5	CAP 0402 4.7PF ±0.25pF 50V	402	C123, C124	2	C0402COG4R7C500NT	
6	CAP 0402 5.6PF ±0.5pF 50V	402	C118	1	C0402COG5R6C500NT	
7	CAP 0402 6pf ±0.25pf 50V	402	C104, C105, C108	3	C0402COG6R0C500NT	
8	CAP 0402 18PF ±5% 50V	402	C117, C305, C306, RV505, RV506, RV509, RV510	7	C0402COG180J500NT	
9	CAP 0402 22pF ±5% 50V	402	C106, C109, C718	3	C0402COG220J500NT	
10	CAP 0402 27pF ±5% 50V	402	C114	1	C0402COG270J500NT	
11	CAP 0402 33PF ±5% 50V	402	C134, C304, C505, C506, C513, C514, C519, C520, C524, C526	10	C0402COG330J500NT	
12	CAP 0402 100PF ±5% 50V	402	C504, C512, C518, C525	4	C0402COG101J500NT	
13	CAP 0402 1NF ±10% 50V	402	RV511, RV512, RV513	3	C0402X7R102K500NT	
14	CAP 0402 220pF ±5% 50V	402	C107	1	C0402COG221J500NT	
15	CAP 0402 22NF ±10% 25V	402	C719	1	C0402X7R223K250NT	
16	CAP 0402 100NF ±10% 10V	402	C110, C201, C501, C502, C510, C511	7	C0402X5R104K100NT	
17	CAP 0402 1UF ±10% 10V	402	C119, C120, C302, C308, C309, C313, C318, C321, C322, C323, C324, C326, C328, C330, C401, C404, C408, C605, C606, C720, C721, C722	22	C0402X5R105K100NT	
18	CAP 0603 1UF ±10% 16V	603	C307, C314, C611, C612, C613, C614, C615, C319	8	C0603X5R105K160NT	
19	CAP 0603 2.2UF ±10% 6.3V	603	C311, C312, C320, C325	4	C0603X5R225K6R3NT	
20	CAP 0603 4.7UF ±10% 6.3V	603	C202, C301, C310	3	C0603X5R475K6R3NT	
21	CAP 0805 10UF ±15% 6.3V T=0.85	805	C315, C503, C515, C516, C517	5	C0805X5R106M6R3NTE (T=0.85)	
22	CAP 0805 22UF ±20% 6.3V	805	C113	1	C0805X5R226K6R3NT	
23	3216 Tan CAP (47uF 6.3V ±20%)	TAJA476M006R	C303	1	TAJA476M006R	AVX
RES						
1	Res 0402 0Ω ±5% 0.063W	402	R106, R120, R121, R122, R301, R302, R305, R307, R319, R514, R515, R70	14	RC0402JR-070RL	
2	Res 0402 5.1Ω ±5% 0.063W	402	R537, R538	2	RC0402JR-075R1L	
3	Res 0805 0.22Ω, ±1% 1/4W	805	R315	1	RL0805FR-7W0R22L	
4	Res 0402 10Ω ±5% 0.063W	402	R429, R525, R526	3	RC0402JR-0710RL	
5	Res 0402 33Ω ±5% 0.063W	402	R539	1	RC0402JR-0733RL	
6	Res 0402 100Ω ±5% 0.063W	402	R401, R402, R403, R404, R428, R432, R508, R509	8	RC0402JR-07100RL	
7	Res 0402 200Ω ±5% 0.063W	402	R208, R209	2	RC0402JR-07200RL	
8	Res 0402 1KΩ ±5% 0.063W	402	R103, R109, R304, R411, R501, R504, R505, R507, R510	9	RC0402JR-071KL	
9	Res 0402 1.5KΩ ±5% 0.063W	402	R306, R502, R503, R506	4	RC0402JR-071K5L	
10	Res 0402 2.2KΩ ±5% 0.063W	402	R430	1	RC0402JR-072K2L	
11	Res 0402 6.8KΩ ±5% 0.063W	402	R312	1	RC0402JR-076K8L	
12	Res 0402 10KΩ ±5% 0.063W	402	R101, R431, R723, R724	4	RC0402JR-0710KL	
13	Res 0402 24KΩ ±1% 0.063W	402	R303	1	RC0402FR-0724KL	
14	Res 0402 39KΩ ±5% 0.063W	402	R311	1	RC0402JR-0739KL	
15	Res 0402 47KΩ ±5% 0.063W	402	R102, R408, R409, R410	4	RC0402JR-0747KL	
16	Res 0402 68KΩ ±5% 0.063W	402	R320	1	RC0402JR-0768KL	
17	Res 0402 300KΩ ±5% 0.063W	402	R310	1	RC0402JR-07300KL	
Ind						

1	Ind 0402 3.9NH ±3% RoHS	402	L104, C131	2	MGCI1005T3N9TT-LF	
2	Ind 0402 6.8NH ±3%	402	C138	1	MGCI1005T6N8TT-LF	
3	Ind 0402 15NH ±3%	402	L107	1	MGCI1005T15NTT-LF	
4	Ind 0402 18NH ±3%	402	C137	1	MGCI1005T18NTT-LF	
5	Ind 0402 100NH ±5%	402	L708	1	MGCI1005TR10JT-LF	
6	Bead 0402 BLM15BB750SN1D	402	L501, L502	2	MGSB1005A750T-LF	
7	0402 Bead(1000 ohm) 250mA MGHB1005S102T-LF	402	L516, L517, L518	3	MGHB1005S102T-LF	
8	Bead 0603 600Ω ±25% 500mA	603	L505, L506	2	MHLB1608S601T0R5-LF	
Othe r						
1	Zener diode 5.1V 500mW PZ3D4V2H	SOD-323	DZ301	1	PZ3D4V2H	Presemi
2	Varistor HL0402-121L2R5PP	402	RV501, RV502	2	SFI0402-240E2R5PP-LF	
3	NMOS PNM723T703E0-2	SC75A-	T301	1	PNM723T703E0-2	Prisemi
4	0603Bule LED	LED(KEYBO	D401, D402, D403, D404, D411, D412	6	BL-HB336G-TRB	BRIGHT
5	NPN, Vceo=50V, Ic=150mA	2SC4617TL	T404	1	2SC4617TLQ	ROHM
6	TXC 3.2*2.5mm, IC Crystal 26MHz CL=7.5pF	TCX03225	X101	1	7M26000028	TXC
7	SAW;GSM850;881M;1.4x1.1	EFCH881MT	Z103	1	EFCH881MTDA1	Panason
8	SAW;PCS;1960M;1.4x1.1	EFCH1960T	Z102	1	EFCH1960TDA1	Panason
9	IC MT6252DA	MT6252/TF BGA- 305ball/P	U201	1	MT6252DA	MTK
10	FM IC RDA5802NS	RDA5802NS	U702	1	RDA5802NS	RDA
11	Power transistor PT236T30E2	PT236T30E	Q301	1	PT236T30E2	Presemi
12	32.768KHz	32K_XTL72 1200-	X301	1	MC-146	
13	RF transceiver front-end module SKY77555-21	SKY77555- 21	U101	1	SKY77555-21	SKYWORK S
14	Battery connectors PAN30- 03546-1500	3.0pitch, 8.4x3.5x5	J301	1	PAN30-03546-1500	LCN
15	12PIN H2.0 (MICFS-01215- TP03)	MICFS- 01215-	J500	1	MICFS-01215-TP03	LCN
16	hinge type, H1.8(CAF99- 06183-1503)	1.80mmH	J402	1	CAF99-06183-1503	LCN
17	RF shield 33.8x31.8x1.7mm, ST023			1	shield , 33.8x31.8x1.7mm, ST023	
18	ST023-MB-V0.1 PCB			1	ST023-MB-V0.1 PCB	