

CONFIDENTIAL

	eLogicity International 2nd Level - Bill of Materials for EJ Seal\NEC\433.92MHz\32kHz
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S/N	Description	Manufacturer Part No.	eLogicity P/N	Designator	Footprint	Qty
1	BARE PRINTED CIRCUIT BOARD, DOUBLE SIDED, FR4 #0046	ESTEC C/O KAINOS	PCB-P008-001-0046	-----	-----	1
2	CHIP RES 15 OHMS 1/10W $\pm$ 5%	OPEN SOURCE	RES030303-0344	R7	SMT 0603	1
3	CHIP RES 200 OHMS 1/10W $\pm$ 5%	OPEN SOURCE	RES030303-0345	R3	SMT 0603	1
4	CHIP RES 1K OHMS 1/10W $\pm$ 5%	OPEN SOURCE	RES030303-0339	R1	SMT 0603	1
5	CHIP RES 10K OHMS 1/10W $\pm$ 5%	OPEN SOURCE	RES030303-0340	R2, R5	SMT 0603	2
6	CHIP RES 22K OHMS 1/10W $\pm$ 5%	OPEN SOURCE	RES030303-0346	R6	SMT 0603	1
7	CHIP RES 47K OHMS 1/10W $\pm$ 5%	OPEN SOURCE	RES030303-0341	R4	SMT 0603	1
8	CHIP RES 100K OHMS 1/10W $\pm$ 5%	OPEN SOURCE	RES030303-0347	R8	SMT 0603	1
9	CHIP CAP CERAMIC 1 pF $\pm$ 0.25pF (NPO)	OPEN SOURCE	CAP07030701-0100	C8, C10	SMT 0603	2
10	CHIP CAP CERAMIC 2.2 pF $\pm$ 0.25pF (NPO)	OPEN SOURCE	CAP07030701-0148	C4, C9	SMT 0603	2
11	CHIP CAP CERAMIC 5 pF $\pm$ 5% (NPO)	OPEN SOURCE	CAP07030703-0143	C5, C6	SMT 0603	2
12	CHIP CAP CERAMIC 30pF $\pm$ 5% (NPO)	OPEN SOURCE	CAP07030703-0142	C1, C2	SMT 0603	2
13	CHIP CAP CERAMIC 100 pF $\pm$ 10% (NPO)	OPEN SOURCE	CAP07030704-0144	C11	SMT 0603	1
14	CHIP CAP CERAMIC 10 nF $\pm$ 10% (X7R)	OPEN SOURCE	CAP07030704-0113	C12	SMT 0603	1
15	CHIP CAP CERAMIC 100 nF $\pm$ 10% (X7R)	OPEN SOURCE	CAP07040504-0112	C3, C7	SMT 0805	2

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S/N	Description	Manufacturer Part No.	eLogicity P/N	Designator	Footprint	Qty
16	CHIP IND 22 nH $\pm$ 5%	OPEN SOURCE	IND070002-0040	L1	SMT 0805	1
17	SAW RESONATOR 433.92 MHz	R670 EPCOS	SAW020100-0007	Y2	TO39-3	1
18	CRYSTAL HC-49/S 5MHz	AS-5.000-20-EXT RALTRON	CYS010100-0016	Y1	TH	1
		BEIJING YUNIKE S2- 5.0 FAST LOGIC				
		L405000XFSD16XX HI-TECH				
19	IC MEMORY EEPROM HT93LC46	HT93LC46-A (HOLTEK)	IC200004-0088	U2	SO8	1
		93LC46BT-1/SN (MICROCHIP)				
		S-93LC46ADFJ-TB (SEKIO)				
20	NEC MCU UPD78P9011GT	NEC MCU UPD78P9011GT	IC000017-0138	U1	SOP28	1
21	TRANSISTOR PNP MMBT3906LT1 SOT23 (MOTOROLA)	MMBT3906LT1 SOT23 (MOTOROLA) PNP	TRAN040400-0012	Q1	SOT 23	1
22	TRANSISTOR NPN MMBT3904LT1 SOT23 (MOTOROLA)	NPN MMBT3904LT1 SOT23 (MOTOROLA)	TRAN050400-0007	Q2	SOT 23	1
23	TRANSISTOR NPN SOT23	BFR92A PHILIPS SOT23 NPN	TRAN050400-0014	Q3	SOT 23	1
		PNP MMBR901LT1 SOT23 (MOTOROLA)				
24	ECS RETAINER RING	EJB	OL-002-0084	J1, J2, J3	-----	3