

		ELUTIONS INC.				
		RFM-4000-8001 Rev1				
QUANTITY	REFERENCE DESIGNATOR	DESCRIPTION	PACKAGE		VENDOR/VENDOR#	FACTORY PART NUMBER
2	C19,C20	CAP, 18 pF, CER, NPO, 25V, 20%	0805	SMD	AVX / 08053A180MATMA KEMET / C0805C180M3GAC	EL-700-2000-001
3	C28,C37,C38	CAP, 0.01 uF, CER, 50V, 20%	0805	SMD	AVX / 08055C103MATMA KEMET / C0805C103M5RAC	EL-700-2000-002
33	C1-C18,C21,C22,C24-C27,C33-C36,C39,C42-C45	CAP, 0.1 uF, CER, 50V, 20%	0805	SMD	AVX / 08055C104MATMA KEMET / C0805C104M5RAC	EL-700-2000-003
1	C40	CAP, 33 uF, TANT, 6.3V, 20%	6032	SMD	AVX / TAJC336M006 PAN / ECS-T0JC336R	EL-700-2000-004
2	C29,C30	CAP, 10 uF, TANT, 35V, 20%	7343	SMD	SPRAGUE / 593D106X0035D2T	EL-700-2000-005
2	C31,C32	CAP, 100 uF, TANT, 10V, 10%	7343	SMD	SPRAGUE / 593D107X9010D2T	EL-700-2000-006
1	C41	CAP, 0.47F, 5.5V, 20%, SUPER CAP	SEE DATA SHEET	THD	PAN / EEC-S5R5V474	EL-700-2000-049
6	DSP1-DSP6	LED, 3MM, GREEN, RT. ANGLE, PCB MOUNT	0.1	THD	FAIRCHILD / MV5464MP4B	EL-700-2000-007
1	D3	DIODE, RECTIFIER, 200V, 3A	SMB	SMD	DIODES INC / S3DB	EL-700-2000-008
1	D6	DIODE, SCHOTTKY ,LOW Vf, 30V, 4.0A	DO-214AB (SMC)	SMD	VISHAY / SL43	EL-700-2000-009
1	D5	DIODE, ZENER, 4.7V	SOT-23	SMD	DIODES INC. / BZX84C4V7-7 ON-SEMI / BZX84C4V7LT1	EL-700-2000-010
3	D1,D2,D7	DIODE, DUAL SCHOTTKY, COMMON CATHODE	SOT-23	SMD	DIODES INC. / BAT54C-7	EL-700-2000-011
1	D4	DIODE, TVS, 24V, 6000W	P600	THD	VISHAY / 6KA24	EL-700-2000-012
1	D8	DIODE, ZENER, 15.0V, 150 mW	SS-MINI-2P	SMD	PAN / MAZS1500ML	EL-700-2000-053
1	D9	DIODE, SILICON, 200 mA	SS-MINI-2P	SMD	PAN / MA2J11200L	EL-700-2000-054
1	J7	CONNECTOR, 2 POS, RT. ANGLE, PCB, PWR	0.165x0.216	THD	MOLEX / 39-29-4029 MOLEX / 39-29-5023	EL-700-2000-013
1	J6	CONNECTOR, 4 POS, RT. ANGLE, PCB, PWR	0.165x0.216	THD	MOLEX / 39-29-4049 MOLEX / 39-29-5043	EL-700-2000-014
1	J1	CONNECTOR,DB9,FEMALE,RT ANGLE,PCB	SEE DATA SHEET	THD	NORCOMP / 182-009-212-561	EL-700-2000-015
1	J2	CONNECTOR, 1mm ZIF, 20 POS, RIGHT ANGLE, BOTTOM CONTACT	1.0mm	SMD	MOLEX / 52271-2090 AMP / 2-487952-0	EL-700-2000-016
1	J3	CONECTOR, DB9, FEMALE, RT. A, DUAL	SEE DATA SHEET	THD	NORCOMP / 178-009-512-671	EL-700-2000-063
1	J9	CONNECTOR, HEADER, 2X4 PIN	.050	SMD	SAMTEC / CLP-104-02-G-D	EL-700-2000-050
1	L11	INDUCTOR, 22uH, 0.040 OHMS, 3A	SEE DATA SHEET	SMD	PULSE / PE-54041S	EL-700-2000-019
12	L1-L10,L12,L13	INDUCTOR , FERRITE BEAD, 120 OHM@100MHZ	0805	SMD	STEWART / LI0805H121R-00	EL-700-2000-020

6	R6-R11	RES, 100 OHM, 1/10W, FILM, 5%	0805	SMD	PAN / ERJ-6GEYJ101V VISHAY / CRCW0805101JRT1	EL-700-2000-021
12	R2-R5,R14,R17,R19 ,R20,R23-R26	RES, 2K, 1/10W, FILM, 5%	0805	SMD	PAN / ERJ-6GEYJ202V VISHAY / CRCW0805202JRT1	EL-700-2000-022
5	R1,R12,R13,R21,R22	RES, 10K, 1/10W, FILM, 5%	0805	SMD	PAN / ERJ-6GEYJ103V VISHAY / CRCW0805103JRT1	EL-700-2000-023
1	R16	RES, 1.00 K OHM, 1/10W, FILM, 1%	0805	SMD	PAN / ERJ-6ENF1001V VISHAY / CRCW08051001FRT1	EL-700-2000-024
1	R15	RES, 2.32 K OHM, 1/10W, FILM, 1%	0805	SMD	PAN / ERJ-6ENF2321V VISHAY / CRCW08052321FRT1	EL-700-2000-025
1	R18	RES, 47 OHM, 1/2W, FILM, 5%	2010	SMD	PAN / ERJ-12ZYJ470U	EL-700-2000-058
1	U11	IC, ADJUSTABLE VOLTAGE REG.	TO-263-7	SMD	NATIONAL / LM2676SX-ADJ	EL-700-2000-026
1	U4	IC, +3.3V RS-232 TRANSCEIVER, 5Tx/3Rx	SSOP 28	SMD	MAXIM / MAX3238EEAI T.I. / MAX3238IDBR	EL-700-2000-027
2	U1,U12	IC, +3.0V RS-232 TRANSCEIVER, 1Rx/1Tx	SSOP 16	SMD	MAXIM / MAX3221EEAE T.I. / MAX3221IDBR	EL-700-2000-028
1	U9	IC, 3.3V LDO REGULATOR, 250mA	SO8	SMD	T.I.-BURR BROWN / REG102UA-3.3	EL-700-2000-029
1	U10	IC, 2.8V LDO REGULATOR, 100mA	SO8	SMD	T.I.-BURR BROWN / REG101UA-2.8	EL-700-2000-030
1	U14	IC, 3.3V LDO REGULATOR, 50mA, ULTRA LOW QUIESCENT	SOT-23-5	SMD	SEIKO/ S-812C33AMC-C2N-T2	EL-700-2000-056
1	U7	IC, 8 BIT MICROCONTROLLER, 16K PROM	TQFP-44	SMD	ATMEL / ATMega16L-8AI	EL-700-2000-031
1	U8	IC, uP RESET CIRCUIT, THRES - 2.93V	SOT-23	SMD	NATIONAL / LM809M3-2.93	EL-700-2000-032
2	U3,U5	IC, SPLIT RAIL LEVEL SHIFTER	SSOP24	SMD	PHILIPS / 74LVC4245ADB	EL-700-2000-033
2	U6,U13	IC, QUAD BILATERAL SWITCH	SO-14	SMD	PHILIPS / 74HC4016A T.I. / CD74HC4016E T.I. / SN74HC4016DR ST MICRO / M74HC4016RM-13TR	EL-700-2000-034
1	U2	IC, HEX INVERTER	SO-14	SMD	T.I. / 74LVC04 T.I. / SN74LVC04AD	EL-700-2000-035
1	Y1	XTAL, 3.6864 MHZ, 18pF	HCM49	SMD	CITIZEN / HCM49-3.6864MABJT	EL-700-2000-036
1	Q1	TRANSISTOR, MOSFET, N-CHANNEL, 25V, .22A	SOT-23	SMD	FAIRCHILD / FDV301N	EL-700-2000-037
1	SW1	SWITCH, PBUTTON, RT. ANGLE, PCB, MOM ON	SEE DATA SHEET	THD	C&K / EP11SD1ABE	EL-700-2000-038
1	SW2	SWITCH, TACT, RT. ANGLE, PCB, MOM ON	SEE DATA SHEET	THD	E-SWITCH / TL1105-R-F160-R	EL-700-2000-039
1	N/A	PRINTED WIRING BOARD, MODEM	N/A	N/A	ELUTIONS / RFM-4000-8014	EL-700-2000-040
NOT POPULATED ON CURRENT BUILD						
1	J5	CONNECTOR, HEADER, 2X3 PIN	0.1	THD	MOLEX / 10-89-1061	EL-700-2000-017
1	J4	CONNECTOR, HEADER, 2X5 PIN	0.1	THD	MOLEX / 10-89-1101	EL-700-2000-018
1	J10	CONNECTOR, 0.5mm ZIF, 16 POS, RIGHT ANGLE, TOP CONTACT	0.5MM	SMD	SAMTEC / ZF5-16-02-T-WT FUJIKARA DDK / FF6-16A-R15	EL-700-2000-051