

Purchasing Bill of Materials

ELEC.UNIT.B101.0001

1] Revision History

Issue	Date	Engineer	Checked	C/N	Notes
0	31/01/02	K Singh		—	Draft
1	16/05/02	K Singh	M. Gjessing	-	Initial Issue

2 Purchasing Bill of Materials

Command Control Centre – Base Station 100 (CCC-B100)

REFERENCE	DRAWING NUMBER	DESCRIPTION	CATALOGUE NUMBER	QTY	MANUFACTURE	ALTS
C1, C2	COMP.CERC.T001.0330	Ceramic Plate Capacitor 33pF 2%	2222 683 10339	2	Philips	SEE COMP.SPEC
C4, C10	COMP.ALEC.T006.0001	CAP. EL. 10uF 35V	2222 097 50109	2	BC Components	SEE COMP.SPEC
C5, C6, C8, C9, C11	COMP.POLC.T001.0001	CAP. 0.1uF 63V	2222 370 75104	5	BC Components	SEE COMP.SPEC
D1, D4	COMP.OPTO.T003.0002	Vertical LED Green	TLH-series	2	Temic	SEE COMP.SPEC
D2	COMP.OPTO.T003.0001	Vertical LED Red	TLH-series	1	Temic	SEE COMP.SPEC
D3	COMP.RECT.T002.0001	Rectifier 1N4007	1N4007	1	Fairchild	SEE COMP.SPEC
D1A, D2A, D4A	COMP.MECH.0011.0003	Nylon Spacer 3mm	N/A	3	N/A	SEE COMP.SPEC

Purchase Bill of Materials
ELEC.UNIT.B101.0001
UNIT.PBOM.B101.0001

MINORPLANET LTD

FS1	COMP.PROT.T003.0001	1.1 Ampere Reset table fuse	RUSB110	1	Raychem	SEE COMP.SPEC
J1, J2	COMP.CONN.T008.0A03	3 way pin headers	N/A	2	N/A	SEE COMP.SPEC
J1A, J2A	COMP.RSTR.0001.0001	Shorting link 2.54mm Jumper	M7564-05	2	Harwin	SEE COMP.SPEC
OSC1	COMP.XTAL.T002.0003	AT Cut Quartz Crystal 11.059MHz	11.059HC-79/S	1	AEL	SEE COMP.SPEC
R1, R2, R6	COMP.RSTR.T001.0471	470R 5% resistor	MF25 series	3	Multicomp	SEE COMP.SPEC
R3	COMP.RSTR.T001.0823	8K2 5% resistor	MF25 series	1	Multicomp	SEE COMP.SPEC
R4	COMP.RSTR.T001.0103	10K 5% resistor	MF25 series	1	Multicomp	SEE COMP.SPEC
R5	COMP.RSTR.T001.0101	100R 5% resistor	MF25 series	1	Multicomp	SEE COMP.SPEC
REG1	COMP.PSUA.T001.0001	Positive Voltage Regulator	L7805CV	1	ST	SEE COMP.SPEC
REG1A	COMP.FAST.0009.3640	Nylon Rivet Black	Series SR/SRVO	1	Richco	SEE COMP.SPEC
SK1	COMP.CONN.T027.0B12	Right Angle 12 pin Header	42153 series	1	Molex	SEE COMP.SPEC
T1, T5	COMP.CONN.0009.0004	Rising Clamp Interlocking 4 way	8191 series	2	Wieland	SEE COMP.SPEC
T2, T3, T4	COMP.CONN.0009.0003	Rising Clamp Interlocking 3 way	8191 series	3	Wieland	SEE COMP.SPEC
U1	COMP.PROC.T001.0001	Micro Controller 40 pin DIP	TS87C52X2-MCA	1	Amtel Wireless	SEE COMP.SPEC
U2	COMP.IFCE.T002.0001	RS232 Driver/ Receiver 20 pin DIP	MAX233CPP	1	Maxim	SEE COMP.SPEC
U3	COMP.IFCE.T001.0001	Low Power Transceiver 8 pin DIP	MAX485CPA	1	Maxim	SEE COMP.SPEC
U4	COMP.SFIC.T001.0001	Microprocessor 16 pin DIP	PMAX691CPE	1	Maxim	SEE COMP.SPEC

Purchase Bill of Materials
ELEC.UNIT.B101.0001
UNIT.PBOM.B101.0001

MINORPLANET LTD

U1A	COMP.CONN.T028.0240	DIP Socket 40 pin	N/A	1	N/A	SEE COMP.SPEC
U2A	COMP.CONN.T028.0120	DIP Socket 20 pin	N/A	1	N/A	SEE COMP.SPEC
U3A	COMP.CONN.T028.0108	DIP Socket 8 pin	N/A	1	N/A	SEE COMP.SPEC
U4A	COMP.CONN.T028.0116	DIP Socket 16 pin	N/A	1	N/A	SEE COMP.SPEC
RPC/BIM	COMP.MODL.0009.0418	Radio Packet Controller UK	RPC-418-40: IC+BIM	1	Radiometrix	
	COMP.MODL.0009.0433	Radio Packet Controller EURO	RPC-433-40: IC+ BIM	1	Radiometrix	
M1	COMP.FAST.0010.3012	Pan Head Pizdriv Screw M3 12mm	N/A	1	N/A	SEE COMP.SPEC
M2	COMP.MECH.0009.0030	Fibre Washer Red M3	N/A	1	N/A	SEE COMP.SPEC
M3	COMP.MECH.0011.0003	Nylon Spacer 3mm	N/A	1	N/A	SEE COMP.SPEC
M4	COMP.FAST.0004.0030	Nut M3	N/A	1	N/A	SEE COMP.SPEC
M5	CABL.ASSY.B100.0001	CCC-B100 UHF Cable	N/A	1	N/A	SEE COMP.SPEC
PCB	COMP.PCB.R.B100.0001	Printed Circuit Board CCC-B100	N/A	1	N/A	SEE COMP.SPEC