

RADIOMETRIX LTD

PARTLIST

PRODUCT: **Radio Packet Controller (RPC)on 914.50MHz**

PCB : **225-3**

ISSUE - 1

DATE : **February 2011**

COMPONENTS	VALUE / TYPE NO	PACAKAGE	DESCRIPTION	MANUFACTURER
RESISTORS				
R1	1K	0805 film resistor	5%	ANY
R2	10K	0805 film resistor	5%	ANY
R3	330R	0805 film resistor	5%	ANY
R4	2k2	0805 film resistor	5%	ANY
R5	3k3	0805 film resistor	5%	ANY
CAPACITORS				
C1	22pF	0805 Ceramic Capacitor	NPO	ANY
C2	22pF	0805 Ceramic Capacitor	NPO	ANY
C3	10nF	0805 Ceramic Capacitor	X7R	ANY
C4	100nF	0805 Ceramic Capacitor	Y5V	ANY
D1	HSMH-C170	C670 series	LED, SMD HE RED	AVAGO TECHNOLOGIES Farnell P/N: 579-0480
D2	HSMF- C155	C655 series	LED, SMD BICOLOUR RED/GRN	AVAGO TECHNOLOGIES Farnell P/N: 579-0888
IC1	PIC16F84A-20/ISO	SOIC, IND TEMP	µ controller	MICROCHIP
X1	16.384MHz	HC49/4H	Low Profile Crystal	ACT
RF		BiM3G-914-64	Transceiver	Radiometrix
MISC				
PCB			PCB 225-3	ANY
J1		RPSMA	Reverse Polarity SMA connector	
J2	1000-112-2103	12-way	PCB socket	METHODE
TP1	2211S-36G TPH36SS	36 Way SIL Header Pins	Break off and fit	TAICOM Anglia