



Sinar Electronics Limited

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PROJECT : 2.4G PS Wireless controller (Controller)
 PROJECT #:
 VER.: 3.2
 DATE: Feb 24th , 04

Preliminary Part List

ITEM	CATEGORY	DESCRIPTION	MATERIAL / BRAND
	Electronics Parts Receiver box	PCB,MAIN BASE 68X40X1.0 double side	
		CAP, EL, Low Profile (5mm) EL 4u7F ±20% 16V (5X5) 2.5mm	
		CAP, EL, Low Profile (5mm) EL 100uF ±20% 6.3V (4x7) 2.5mm	
		CAP, EL, Low Profile (5mm) EL 470uF ±20% 6.3V (6.3X11) 2.5mm	
		CAP SMT 0603 39pF +/-5% 50V NPO	
		CAP SMT 0603 6.8pF +/-0.5pF 50V(NPO)	
		CAP SMT 0603 270pF +/-5% 50V NPO	
		CAP SMT 0603 22pF +/-5% 50V NPO	
		CAP SMT 0603 0.1uF -20% +80% 16V Y5V	
		CAP SMT 0603 1pF +/- 0.5% 50 v NPO	
		CAP SMT 0805 4.7uF +/-20% 16V	
		TRIMMER CAP, LEADED NPO 3.0pFMIN -10pF MAX	Willas/Morata
		DIODE, BZX84C3V0LT1 (SOT-23)	mobicon
		DIODE, SCHOTTKY 1A 40V LEADED SRT14	
		PIC16C63A (package: SSOP 28)	Microchip
		IC MC74VHC1G00DFT2(SOT-353)	mobicon
		RF Module	
		LED RED COLOR 3.0MM (Leaded) 2.5mm Pitch	
		CRYSTAL, 16MHz HC-49/US leaded (10ppm; 12PF)	晶科興
		RES SMT 0603 1K ohm +/-5% 1/16W	
		RES SMT 0603 10 ohm +/-5% 1/16W	
		RES SMT 0603 1M ohm +/-5% 1/16W	
		RES SMT 0603 10K ohm +/-5% 1/16W	
		RES SMT 0603 100K ohm +/-5% 1/16W	
		RES SMT 0603 6.8K ohm +/-5% 1/16W	
		RES SMT 0603 2K ohm +/-5% 1/16W	
		RES SMT 0603 4.7K ohm +/-5% 1/16W	
		RES SMT 0603 150 ohm +/-5% 1/16W	
		TRANS BJT NPN G.P. SMT MMBT3904 SOT-23	
		CONVERTER, DC-DC AT1301 5V	
		DNA	
		VOLTAGE REGULATOR G913D (SOT23-5) 3.0V	GMT TaiWan
		IND LEADED 3.3mH	
		IND SMD (1812) 1mH	
		IND SMD Multilayer (0603) 2.2 nH +/- 0.3 nH	
		PS cable, 8 pin with ferrite core length 330mm	