

Pilot Servercall Transmitter PART'S LIST

2005.4.20

NO	DESCRIPTION	PARTS NUMBER	QTY	REFERENCE - DESIGNATOR	VENDOR	REMARK
LOGIC						
1	IC MPU	PIC16F77 (DIP TYPE)	1	U1		
2	IC VOLTAGE DETECT	KIA7039 (DIP TYPE)	1	U3		
3	IC EEPROM	24LC02 (DIP TYPE)	1	U2		
4	5 Volt Regulator	LM7805 (DIP TYPE)	1	U4		
5	IC	74HC259 (DIP TYPE)	4	U6~U9		
6	TR	A1266 (TO-92 TYPE)	1	Q8		
7	DIODE	1N4007	3	D1, D2, D7		
8	DIODE	1N4148	4	D3, D4, D5, D6		
9	RESISTOR	10MHz 3pin	1	CF1		
10	Arry Resistor(parallel)	9PIN 470ohm	4	RA1, RA2, RA3, RA4		
11	Carbon Resistor 1/8	100Kohm	6	R13 ~ R17, R26		
12	Carbon Resistor 1/8	1Kohm	1	R18		
13	Carbon Resistor 1/8	22Kohm	2	R11, R25		
14	Carbon Resistor 1/8	47Kohm	2	R22, R23		
15	Ceramic Capacitor	104K	8	C25, C26, C29 ~ C32, C35, C36		
16	Ceramic Capacitor	105K	1	C23		
17	E/CONNECTOR	220uF/16V	3	C21, C22, C24		
18	8 way Modular Jack	555164-1	1	JA1		
19	BUZZER	SMI205	1	BZ1		
20	Ferrite BEAD	EXC-ELSA35(3550)	3	B1, B2, B3		
21	020 resetable PolyFuse SUB-ON qual	RXE185	1	PLSW1		
22	TACT S/W(E Switch)	520.02 - RED	29	SW1 ~ SW24, X2, X3, ASLEP ACALL, MGR		

23	Switch	DIP TYPE	1	DIP1		
24	LED 1 - COLOR	GREEN	29	LED1 ~ LED24, LPX2, LPX3 LPSLEP, ACALL, LPMGR		
25	LED 1 - COLOR	RED	1	POWER		
26	LED Holder	5mm	30			
27	DC JACK		1	DC		
28	HEAT SINK	HS106 - ND	3			
29	HEAT SINK		1			
30	HEAT SINK Insullated paper		3			
31	HEAT SINK Bolt		2			
32	HEAT SINK Nut		2			

R/F

33	TR	KTC3882 - Y	3	Q1, Q2, Q4		
34	TR	KRC114	1	Q5		
35	TR	KRA107	1	Q6		
36	TR	C2314 - DIP	1	Q3		
37	TR	C2078 - DIP	1	Q7		
38	Varicap DIODE	KDV239	1	VD1		
39	Crystal	26.995MHz	1	XT1		
40	IND CHIP 330nH	SWI1008CTR33J	1	L2		
41	IND CHIP 2.2uH	SWI1008FT2R2J	2	L1, L11		
42	INDUCTOR	22nH - 03 size	1	L4		
43	INDUCTOR	1uH - 03 size	1	L3		
44	INDUCTOR	6.8uH - 03 size	1	L5		
45	Coil	0.6 x 5 13T	1	L6		
46	Coil	0.7 x 6 8T	2	L8, L9		

47	Coil	0.7 x 6 9T	1	L10		
48	Coil	0.7 x 6 10T	1	L7		
49	CAP CHIP 22 pF	GRM39COG220J50PT	1	C14		
50	CAP CHIP 47 pF	GRM39COG470J50PT	1	C16		
51	CAP CHIP 100 pF	GRM39COG101J50PT	5	C4, C5, C10, C11, C20		
52	CAP CHIP 120 pF	GRM39COG121J50PT	1	C3		
53	CAP CHIP 150 pF	GRM39COG151J50PT	5	C2, C6, C12, C15, C28		
54	CAP CHIP 180 pF	GRM39COG181J50PT	2	C9, C13		
55	CAP CHIP 330 pF	GRM39COG331J50PT	1	C27		
56	CAP CHIP 0.1 uF	GRM39COG104K50PT	7	C1, C7, C8, C17, C33, C34, C38		
57	CAP CHIP 1 uF	GRM39COG105K50PT	1	C18		
58	TRIMMER 10pF	TZY2R100A001	1	TC1		
59	RES CHIP 150 ohm	MCR03EZHJX 151	1	R1		
60	RES CHIP 220 ohm	MCR03EZHJX 221	1	R10		
61	RES CHIP 270 ohm	MCR03EZHJX 271	1	R19		
62	RES CHIP 470 ohm	MCR03EZHJX 471	1	R7		
63	RES CHIP 1Kohm	MCR03EZHJX 102	2	R8, R12		
64	RES CHIP 1.2Kohm	MCR03EZHJX 122	1	R2		
65	RES CHIP 4.7Kohm	MCR03EZHJX 472	1	R6		
66	RES CHIP 6.8Kohm	MCR03EZHJX 682	1	R5		
67	RES CHIP 10Kohm	MCR03EZHJX 103	1	R3		
68	RES CHIP 22Kohm	MCR03EZHJX 223	2	R4, R9		
70	RES CHIP 6.8ohm	MCR01EZHJX 6R8	1	R20		
71	Carbon Resistor 1/2	1/2W 4.7K	1	R21		
72	Variable/R	100K	1	VR1		
73	BNC-RB PCB	BNCJ-R/A-L-PCB	1	ANT		