

2400 MHz WIRELESS OPTICAL PEN - MOUSE
MODEL : I-PEN PRO

Parts List

2400 MHz WIRELESS OPTICAL PEN - MOUSE

MODEL : I-PEN PRO

I-PEN

TX

RX/TX	ITEM	TYPE	SIZE	VALUE	Q'TY	LOCATION NUMBER
TX	PCB			I-PEN TX PCB 4-layer	1	
TX	BATT			605217 3.7V/400mA	1	BAT
TX	PLL I.C	SMD		S1T8825B	1	U904
TX	CPU	SMD		S3C9428 28SOP	1	IC4
TX	SENSOR	SMD		ANDS2030	1	IC3
TX	REG I.C	SMD		NJM2871AF03	1	IC2
TX	EEPROM	SMD		CAT24C02	1	IC1
TX	X-TAL	49/S		21.240MHz 10ppm	1	X901
TX	RESONATOR	SMD		ZTAC6.00MG1	1	X1
TX	RESONATOR	SMD		ZTACV18.00MX	1	X2
TX	FILTER	SMD		DCF2R2403G03	1	U906
TX	TRIMER CAP	SMD		TZY2Z030A001R00	1	TC901
TX	RF TR	SMD		BFQ67W	1	Q909
TX	RF TR	SMD		TSDF1920W	3	Q905,Q908,Q1
TX	VARICAP	SMD		KDV154C	1	VD902
TX	DIODE	SOT-23		BAV70	1	D2
TX	LED	SMD		RY-SP110SR34	1	LED2
TX	IR LAMP	DIP		OPE5885Q	1	LED1
TX	IND	CHIP	1005	10 nH	2	L1,L2
TX	AIR COIL	DIP		0.35 X 0.8R X 1.5T	1	L917
TX	RES	CHIP	1005	0	1	R955
TX	RES	CHIP	1005	330	1	R937
TX	RES	CHIP	1005	470	1	R901
TX	RES	CHIP	1005	510	1	R28
TX	RES	CHIP	1005	101	1	R3
TX	RES	CHIP	1005	121	1	R945
TX	RES	CHIP	1005	221	1	R939
TX	RES	CHIP	1005	331	1	R934
TX	RES	CHIP	1005	102	6	R951,R952,R953,R20,R4,R1
TX	RES	CHIP	1005	222	1	R943
TX	RES	CHIP	1005	472	1	R954
TX	RES	CHIP	1005	562	2	R940,R944
TX	RES	CHIP	1005	103	1	R941
TX	RES	CHIP	1005	153	1	R15

ISV

1/3

2400 MHz WIRELESS OPTICAL PEN - MOUSE

MODEL : I-PEN PRO

I-PEN					TX	
TX	RES	CHIP	1005	183	1	R938
TX	RES	CHIP	1005	223	1	R930
TX	RES	CHIP	1005	273	1	R942
TX	RES	CHIP	1005	333	2	R946,R7
TX	RES	CHIP	1005	473	1	R2
TX	RES	CHIP	1005	104	7	R22,R16,R21,R8,R13,R27,R9
TX	RES	CHIP	1608	2R2	1	R6
TX	RES	CHIP	1608	3R3	1	R14
TX	RES	CHIP	1608	223	1	R5
TX	CAP	CHIP	1005	0R5 50V	1	C964
TX	CAP	CHIP	1005	010 50V	2	C20,C996
TX	CAP	CHIP	1005	020 50V	2	C977,C982
TX	CAP	CHIP	1005	040 50V	1	C974
TX	CAP	CHIP	1005	050 50V	2	C979,C981
TX	CAP	CHIP	1005	060 50V	1	C975
TX	CAP	CHIP	1005	8R2 50V	2	C21,C4
TX	CAP	CHIP	1005	100 50V	1	C976
TX	CAP	CHIP	1005	270 50V	1	C945
TX	CAP	CHIP	1005	330 50V	6	C961,C971,C970,C940,C6,C7
TX	CAP	CHIP	1005	470 50V	2	C983,C942
TX	CAP	CHIP	1005	101 50V	1	C941
TX	CAP	CHIP	1005	221 50V	1	C899
TX	CAP	CHIP	1005	102 50V	1	C932
TX	CAP	CHIP	1005	103 50V	1	C986
TX	CAP	CHIP	1005	223 50V	2	C984,C990
TX	CAP	CHIP	1005	104 16V	7	C939,C11,C13,C18,C8,C12,C2
TX	CAP	CHIP	1005	224 16V	1	C985
TX	CAP	CHIP	1608	105 10V	4	C500,C980,C5,C22
TX	CAP	CHIP	2012	475 10V	1	C19
TX	TANTAL	CHIP	A	10 uF /6.3v	2	C9,C1
TX	TANTAL	CHIP	P	10 uF /6.3v	1	C994
TX	TANTAL	CHIP	A	2.2 uF /6.3v	1	C10
TX	SHILD CAN			VCO	1	
TX	SWITCH	SMD		SKRBLJE010	1	SW1
TX	TACT	DIP		EVQ-POE-07K	1	C17
TX	SLIDE	SMD		DJS-1290APL	1	SW901

ISV

2/3

2400 MHz WIRELESS OPTICAL PEN - MOUSE

MODEL : I-PEN PRO

I-PEN

RX

RX/TX	ITEM	TYPE	SIZE	VALUE	Q'TY	LOCATION NUMBER
RX	PCB			I-PEN RX PCB 양면	1	
RX	CPU	SMD		S3C9658 20SOP	1	IC2
RX	PLL I.C	SMD		S1T8825B	1	U904
RX	IF I.C	SMD		TA31136FN	1	U903
RX	REG I.C	SMD		NJM2871AF03	1	U905
RX	EEPROM	SMD		CAT24C02 8SOP	1	IC3
RX	RESONATOR	SMD		ZTAC6.00MG1	1	X1
RX	X-TAL	DIP		21.240MHz 10ppm 49/S	1	X901
RX	X-FILTER	DIP		21.69MHz15MA	1	CF901
RX	CE-FILTER	DIP		LTWM450B	1	CF902
RX	DSC	DIP		JTBM450C24	1	DSC901
RX	FILTER	SMD		DCF2R2403G03	2	U901,U902
RX	TRIMER CAP	SMD		STC3M06	1	TC901
RX	RF TR	SMD		BFQ67W	1	Q904
RX	RF TR	SMD		TSDF1920W	4	Q901,Q902,Q903,Q910
RX	TR	SMD		PMST3904	3	Q1,Q3,Q4
RX	VARICAP	SMD		KDV154C	1	VD901
RX	DIODE	MELF		PMLL4148	1	D1
RX	IND	CHIP	1005	3.3 nH	1	L908
RX	IND	CHIP	1005	12 nH	1	L910
RX	IND	CHIP	1608	5.6 uH	1	L911
RX	AIR COIL	DIP		0.35 X 0.8 X 1.5T	1	L913
RX	RES	CHIP	1005	330	1	R949
RX	RES	CHIP	1005	390	2	R8,R11
RX	RES	CHIP	1005	101	3	R905,R927,R928
RX	RES	CHIP	1005	151	1	R903
RX	RES	CHIP	1005	221	3	R921,R904,R916
RX	RES	CHIP	1005	471	1	R929
RX	RES	CHIP	1005	821	2	R908,R917
RX	RES	CHIP	1005	102	7	R910,R951,R952,R953,R7,R1,R17
RX	RES	CHIP	1005	122	2	R923,R926
RX	RES	CHIP	1005	222	1	R915
RX	RES	CHIP	1005	332	1	R15
RX	RES	CHIP	1005	472	3	R948,R902,R954

ISV

1/3

2400 MHz WIRELESS OPTICAL PEN - MOUSE

MODEL : I-PEN PRO

I-PEN

RX

RX/TX	ITEM	TYPE	SIZE	VALUE	Q'TY	LOCATION NUMBER
RX	RES	CHIP	1005	562	2	R906,R919
RX	RES	CHIP	1005	682	1	R14
RX	RES	CHIP	1005	822	1	R913
RX	RES	CHIP	1005	103	2	R6,R914
RX	RES	CHIP	1005	153	1	R12
RX	RES	CHIP	1005	183	1	R907
RX	RES	CHIP	1005	223	1	R947
RX	RES	CHIP	1005	473	1	R920
RX	RES	CHIP	1005	683	3	R911,R18,R19
RX	RES	CHIP	1005	104	6	R3,R4,R9,R16,R13,R2
RX	RES	CHIP	1005	474	1	R5
RX	RES	CHIP	6432	100	1	R10
RX	CAP	CHIP	1005	0R5 50V	2	C992,C910
RX	CAP	CHIP	1005	010 50V	3	C904,C987,C927
RX	CAP	CHIP	1005	020 50V	2	C920,C926
RX	CAP	CHIP	1005	2R2 50V	2	L901,L907
RX	CAP	CHIP	1005	2R5 50V	1	C923
RX	CAP	CHIP	1005	030 50V	4	C902,C988,C906,C925
RX	CAP	CHIP	1005	3R3 50V	1	C903
RX	CAP	CHIP	1005	050 50V	3	C921,C922,C943
RX	CAP	CHIP	1005	060 50V	1	C924
RX	CAP	CHIP	1005	100 50V	2	C909,C928
RX	CAP	CHIP	1005	220 50V	1	C905
RX	CAP	CHIP	1005	270 50V	1	C945
RX	CAP	CHIP	1005	330 50V	2	C916,C940
RX	CAP	CHIP	1005	470 50V	1	C942
RX	CAP	CHIP	1005	820 50V	1	C948
RX	CAP	CHIP	1005	101 50V	2	C941,C2
RX	CAP	CHIP	1005	221 50V	6	C908,C911,C899,C972,C995,C978
RX	CAP	CHIP	1005	102 50V	2	C918,C958
RX	CAP	CHIP	1005	103 50V	3	C7,C907,C936
RX	CAP	CHIP	1005	223 50V	1	C931
RX	CAP	CHIP	1005	473 25V	3	C10,C4,C949
RX	CAP	CHIP	1005	104 16V	8	C1,C9,C3,C6,C935,C939,C946,C947
RX	CAP	CHIP	1005	224 16V	1	C937

ISV

2/3

RX

[illegible]

3/3