

** Add component 1999/03/11

9-16-99 R 009 Universal Scientific Industrial Co., Ltd. PART No# ET-0405-01

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Material No.	New Material No#	SPEC. / Manufacturer	Quantity	Unit/Loss%	Placement
0076-0021-00		PCBA FOR USB TABLET ET-0405-01	1 EA		PC
0076-0021-00A1		SMD PCB FOR LUCY PCB ASSY USB TYPE	1 EA		
01-10377-01	01-10377-01	1 PCB FOR WACOM LUCY ET-0405 7 LAYERS HITACHI	1 EA		
06-10114-05	06-10114-05	CER CHIP CAP 100P 5% NPO 0603 50V PHILIPS	7 EA	0.8 C25	
06-10457-03	06-10457-03	CER CHIP CAP 100P 5% NPO 0603 50V PHILIPS	14 EA	0.8 C4,13-18	
06-10508-03	06-10508-03	CER CHIP CAP 100P 5% NPO 0603 50V PHILIPS	2 EA	0.8 C1,5,7,12,19-22,29,31	
06-12006-06	06-12006-06	CER CHIP CAP 12P 5% COG 0603 50V PHILIPS	1 EA	0.8 C2,3	
06-22204-02	06-22204-02	CER CHIP CAP 12P 5% COG 0603 50V PHILIPS	1 EA	0.8 C28	
06-247102-02	06-247102-02	CER CHIP CAP 400P 5% NPO 0603 50V PHILIPS	1 EA	0.8 C26	
06-26809-02	06-26809-02	CER CHIP CAP 68P 5% 50V 0603 NPO PHILIPS	2 EA	0.8 C23,24	
18-00020-02	18-00020-02	THICK F CHIP RES 10R 5% 200PPM 0603 1/16W KAMAYA	4 EA	0.8 R33,38,43,55	
18-10012-02	18-10012-02	THICK F CHIP RES 10R 5% 200PPM 0603 1/16W KAMAYA	1 EA	0.8 R11	
18-10114-02	18-10114-02	THICK F CHIP RES 10R 5% 200PPM 0603 1/16W KAMAYA	2 EA	0.8 R25,26	
18-10214-01	18-10214-01	THICK F CHIP RES 1K 5% 200PPM 0603 1/16W KAMAYA	6 EA	0.8 R3,5,7,8,54	
18-10228-01	18-10228-01	THICK F CHIP RES 1K 1% 0603 1/16W KAMAYA	1 EA	0.8 R12,13,15	
18-10311-02	18-10311-02	THICK F CHIP RES 10K 1% 200PPM 0603 1/16W KAMAYA	1 EA	0.8 R9	
18-10315-01	18-10315-01	THICK F CHIP RES 10K 5% 200PPM 0603 1/16W KAMAYA	6 EA	0.8 R6,24,27,51,53,55	
18-10507-01	18-10507-01	THICK F CHIP RES 1M 5% 200PPM 0603 1/16W KAMAYA	1 EA	0.8 R48	
18-12312-01	18-12312-01	THICK F CHIP RES 12K 1% 0603 1/16W KAMAYA	1 EA	0.8 R20	
18-15111-02	18-15111-02	THICK F CHIP RES 15K 1% 200PPM 0603 1/16W KAMAYA	1 EA	0.8 R9	
18-15204-02	18-15204-02	THICK F CHIP RES 15K 5% 200PPM 0603 1/16W KAMAYA	1 EA	0.8 R40	
18-15309-01	18-15309-01	THICK F CHIP RES 15K 5% 200PPM 0603 1/16W KAMAYA	3 EA	0.8 R14,21,21	
18-22315-01	18-22315-01	THICK F CHIP RES 22K 1% 200PPM 0603 1/16W KAMAYA	1 EA	0.8 R22	
18-47220-01	18-47220-01	THICK F CHIP RES 47K 1% 200PPM 0603 1/16W KAMAYA	2 EA	0.8 R17,18	
18-47308-01	18-47308-01	THICK F CHIP RES 47K 5% 200PPM 0603 1/16W KAMAYA	2 EA	0.8 R1-2	
26-00048-01	26-00048-01	CHIP FERRITE BEAD 100R 25% ERM16080A102 MAXECHO	3 EA	0.8 R13,36	
30-11004-01	30-11004-01	1 IC MICRO-CPU M37532M4-A11P-T4 SSOP-36	1 EA	0.2	
32-10212-02	32-10212-02	1 IC CMOS 74HC05:1D SOL6 PHILIPS	3 EA	0.4 IC5-7	
32-10407-02	32-10407-02	1 IC QUADRUPLER BUS BUFFER GATES SN74HC126DR SO14	1 EA	0.4 IC4	
32-40125-01	32-40125-01	1 IC OP AMP UPC4570G2-E3 SO8 NEC	2 EA	0.4 IC3-5	
35-10015-04	35-10015-04	1 NPN TR 2SC2713-Y SOT23 TOSHIBA	1 EA	0.8 TR3	
35-20143-01	35-20143-01	1 TR FXP 2SA1163Y-T85L SOT-23 TOSHIBA	1 EA	0.8 TR4	
38-10022-01	38-10022-01	1 DIODE 1SS355-TE17 UMT ROHM	3 EA	0.8 DL2,4	
38-10072-01	38-10072-01	1 SCHOTTKY BARRIER DIODES RHM66F-40 SOT-32 ROHM	2 EA	0.8 DL5	
38-10072-01	38-10072-01	1 LED SMD 15-22VYVGG/7R8 YELLOW+GREEN EVERLIGHT	1 EA	0.4 PH1	
42-30046-01	42-30046-01	1 SMD QUARTZ CRYSTAL H150A-06MHZ-12PF 100PPM RALT	1 EA	0.4 X1	
44-00286-01	44-00286-01	(44-30087-01KDS) (44-30015-01KDS)	(4	4-3003	
55-15224-01	55-15224-01	1 SMD CONNECTOR SPIN WB11-40040-0538 FULLCONN	1 EA	0.4 CON1	

Material No.	New Material No.	SPEC. / Manufacturer	Quantity	Unit	Loss%	Placement
0076-0023-50	0076-0023-50-A1	PCBA FOR SERIAL TABLET-PP ET-0405-R02	PC			
01-10377-01	01-10377-01	SMD PCB FOR LUCY PCB ASSY SERIAL-A2	1 EA			
06-10114-05	06-10114-05	1*PCB FOR WACOM LUCY ET-0405 2LAYERS H110CHT	1 EA			
06-10457-03	06-210114-05	CER CHIP CAP 100P 5% NPO 0603 50V PHILIPS	1 EA		0.8 C25	
06-10508-03	06-210457-03	CER CHIP CAP 100P 5% NPO 0603 50V PHILIPS	8 EA		0.8 C46,13-18	
06-12006-06	06-210508-03	CER CHIP CAP 1U7 +80-20% Y5V 0603 25V PHILIPS	13 EA		0.8 C15,7-12,19-22,30	
06-22504-02	06-212006-06	CER CHIP CAP 12P 5% COG 0603 50V PHILIPS	2 EA		0.8 C2-3	
06-247102-02	06-22504-02	CER CHIP CAP 2.2U +80-20% Y5V 0805 16V AVX	1 EA		0.8 C28	
06-268007-02	06-247102-02	CER CHIP CAP 470P 5% NPO 0603 50V PHILIPS	1 EA		0.8 C26	
18-100320-02	06-268007-02	CER CHIP CAP 68P 5% 50V 0603 NPO PHILIPS	2 EA		0.8 C22,24	
18-10012-02	18-100320-02	THICK F CHIP RES 10R 5% 200PPM 0603 1/16W KAMAYA	1 EA		0.8 R55	
18-10114-02	18-110012-02	THICK F CHIP RES 10R 5% 200PPM 0603 1/16W KAMAYA	1 EA		0.8 R11	
18-10214-01	18-110114-02	THICK F CHIP RES 1K 5% 200PPM 0603 1/16W KAMAYA	3 EA		0.8 R25,36,29	
18-10228-01	18-110214-01	THICK F CHIP RES 1K 5% 200PPM 0603 1/16W KAMAYA	7 EA		0.8 R3-5,7,8,35,54	
18-10311-02	18-110228-01	THICK F CHIP RES 1K 1% 0603 1/16W KAMAYA	3 EA		0.8 R12,13,15	
18-10315-02	18-110315-02	THICK F CHIP RES 10K 1% 200PPM 0603 1/16W KAMAYA	1 EA		0.8 R19	
18-10507-01	18-110507-01	THICK F CHIP RES 1M 5% 200PPM 0603 1/16W KAMAYA	4 EA		0.8 R6,24,39,52	
18-12312-01	18-112312-01	THICK F CHIP RES 12K 1% 0603 1/16W KAMAYA	1 EA		0.8 R2	
18-15105-02	18-115105-02	THICK F CHIP RES 150R 5% 1206 200PPM 14W KAMAYA	1 EA		0.8 R20	
18-15111-02	18-115111-02	THICK F CHIP RES 150R 1% 200PPM 0603 1/16W KAMAYA	2 EA		0.8 R47,42	
18-18403-01	18-115309-01	THICK F CHIP RES 15K 1% 0603 1/16W KAMAYA	1 EA		0.8 R9	
18-22315-01	18-118403-01	THICK F CHIP RES 22K 1% 200PPM 0603 1/16W KAMAYA	3 EA		0.8 R14,21,23	
18-47203-02	18-172315-01	THICK F CHIP RES 4.7K 5% 200PPM 0603 1/16W KAMAYA	2 EA		0.8 R49,50	
18-47220-01	18-147203-02	THICK F CHIP RES 4.7K 1% 200PPM 0603 1/16W KAMAYA	1 EA		0.8 R72	
18-47308-01	18-147220-01	THICK F CHIP RES 47K 5% 200PPM 0603 1/16W KAMAYA	1 EA		0.8 R45	
26-00048-01	26-100348-01	CHIP FERRITE 65AD 1000R 25% ESRM160806A102 MAXTECH	4 EA		0.8 R17,18,44,31	
30-111007-01	30-111007-01	1*IC MICRO-CPU M37531M4-668FP-T4 SSOP-36	4 EA		0.8 R1,37,41,46	
32-10212-02	32-110212-02	1*IC CMOS 74HC4051D 5016 PHILIPS	3 EA		0.5 FL3,R34	
32-10407-02	32-110407-02	1*IC QUADRUPLER DCS BUFFER GATES SN74HC126DR SO14 T	1 EA		0.2 IC1	
32-440125-01	32-440125-01	1*ICOP AMP LTC457C2-E2 SO8 NEC	2 EA		0.4 IC3-7	
35-10015-04	35-110015-04	1*PN TR 2SC2712 Y SOT23 TOSHIBA	2 EA		0.4 IC4	
35-20143-01	35-220143-01	1*TR FNP 78A1162Y-T585L SOT-23 TOSHIBA	2 EA		0.4 IC2,3	
38-10022-01	38-110222-01	1*DIODE (SS355-TE1) 1N41T ROHM	3 EA		0.8 TR3,5	
38-10222-01	38-110222-01	1*SCHOTTKY BARRIER DIODES RB706F-40 SOT-323 ROHM	7 EA		0.8 TR1,2,4	
42-30046-01	42-130046-01	1*LED SMD 15-22VYGGT88 YELLOW+GREEN EVERLIGHT	2 EA		0.8 DA,2,4,6,9	
44-100296-01	44-100296-01	1*SMD QUARTZ CRYSTAL 12.50A-6MHZ 12PF 100PPM RALTR	2 EA		0.8 D1,5	
53-52153-01	53-152153-01	1*CONN SMD 10PTX 3261-1090 MOLEX	1 EA		0.4 PHI	
		(53-15204-01)FULLCONN)	1 EA		X1	
		(44-300287-01)KDS)	(4		4-3003	
		(44-300315-01)KDS)	1 EA		0.4 CON1	

		T Y P		New Material No. E		SPEC. / Manufacturer		Quantity Unit		Loss % Placement	
0.....M	0076-0033-00					PCBA OF EP-100E					
1.....M	0076-0033-00A1					LUCY PEN PCB ASSY					
2.....M	0076-0013-00A2					SMD PCB FOR LUCY PEN					
S 3...	01-10376-01			01-010376-01		1*PCB FOR WACOM LUCY EP-100 2LAYERS SPC					
3...	06-06082-03			06-206082-03		CER CHIP CAP 68PF +0.25PF NPO 0603 50V PHILIPS				1 EA	
3...	06-10114-05			06-210114-05		CER CHIP CAP 100P 5% NPO 0603 50V PHILIPS				1 EA	
3...	06-10227-02			06-210227-02		CER CHIP CAP 100P 5% X7R 0603 50V PHILIPS				1 EA	
3...	06-10457-03			06-210457-03		CER CHIP CAP 100P 5% X7R 0603 50V PHILIPS				2 EA	
3...	06-18006-06			06-218006-06		CER CHIP CAP 100P 5% X7R 0603 50V PHILIPS				3 EA	
3...	06-22591-03			06-22591-03		CER CHIP CAP 2.2P +0.1P NPO 0603 50V PHILIPS				2 EA	
3...	06-23007-03			06-23007-03		CER CHIP CAP 33P 5% NPO 0603 50V PHILIPS				2 EA	
3...	06-23601-03			06-23601-03		CER CHIP CAP 36PF 5% NPO 0603 50V PHILIPS				4 EA	
3...	06-36103-01			06-236103-01		CER CHIP CAP 360PF 5% NPO 0603 50V PHILIPS				2 EA	
3...	06-47102-02			06-247102-02		CER CHIP CAP 470P 5% NPO 0603 50V PHILIPS				2 EA	
3...	06-47906-03			06-247906-03		CER CHIP CAP 4.7P +0.1P NPO 0603 50V PHILIPS				1 EA	
3...	06-50903-01			06-250903-01		CER CHIP CAP 9PF +0.25PF NPO 0603 50V PHILIPS				2 EA	
3...	18-110507-01			18-110507-01		THICK F CHIP RES 1M 5% 200PPM 0603 1/16W KAMAYA				2 EA	
3...	18-110606-01			18-110606-01		THICK F CHIP RES 10K 5% 200PPM 0603 1/16W KAMAYA				5 EA	
3...	18-112403-01			18-112403-01		THICK F CHIP RES 120K 5% 200PPM 0603 1/16W KAMAYA				2 EA	
3...	18-112505-01			18-112505-01		THICK F CHIP RES 1.2M 5% 200PPM 0603 1/16W KAMAYA				1 EA	
3...	18-118403-01			18-118403-01		THICK F CHIP RES 190K 5% 200PPM 0603 1/16W KAMAYA				2 EA	
3...	18-122406-01			18-122406-01		THICK F CHIP RES 220K 5% 200PPM 0603 1/16W KAMAYA				2 EA	
3...	18-133404-01			18-133404-01		THICK F CHIP RES 330K 5% 200PPM 0603 1/16W KAMAYA				2 EA	
3...	18-168404-02			18-168404-02		THICK F CHIP RES 680K 5% 200PPM 0603 1/16W KAMAYA				2 EA	
3...	38-120783-01			38-120783-01		1 IC ASIC GATE ARRAY W40255 SSOP-20 SHARP				4 EA	
3...	38-110866-01			38-110866-01		1 DIODE RB71JF UMT ROHM				1 EA	
3...	38-110222-01			38-110222-01		1 SCHOTTKY BARRIER DIODES RB706F-40 SOT-323 ROHM				1 EA	
3...	46-000138-01			46-000138-01		1 TACT SWITCH SKQCAP SMD 4PIN ALPS				4 EA	
3...	11-200001-01			11-200001-01		1 TRIMMER CAP PHG-A056 WACOM				2 EA	
2...	26-000357-01			26-000357-01		1 COIL FOR LUCY PEN L6 RH4*17.5*2 安星				2 EA	

		Quantity		Unit/Case		Placement	
		Material No.		New Material No.		SPEC./Manufacturer	
		0076-0033-00		PCBA QP EP-100E			
		0076-0033-00A1		LUCY PEN PCB ASSY			
		0076-0033-00A2		SMD PCB FOR LUCY PEN			
		01-10376-01		1*PCB FOR WACOM LUCY EP-100 2LAYERS SPC			
		06-20602-03		CER CHIP CAP 6.8PF +0.25PF NPO 0603 50V PHILIPS			
		06-21011-05		CER CHIP CAP 100P 5% NPO 0603 50V PHILIPS			
		06-21027-02		CER CHIP CAP 100PF 5% X7R 0603 50V PHILIPS			
		06-21037-03		CER CHIP 0.1U +80-20% Y5V 0603 25V PHILIPS			
		06-21806-06		CER CHIP CAP 18P 5% COG 0603 50V PHILIPS			
		06-22901-03		CER CHIP CAP 2.2P +0.1P NPO 0603 50V PHILIPS			
		06-23601-03		CER CHIP CAP 33P 5% NPO 0603 50V PHILIPS			
		06-23603-01		CER CHIP CAP 360PF 1% NPO 0603 50V PHILIPS			
		06-247102-02		CER CHIP CAP 470P 5% NPO 0603 50V PHILIPS			
		06-247906-05		CER CHIP CAP 4.7P +0.1P NPO 0603 50V PHILIPS			
		06-290903-01		CER CHIP CAP 90P +0.25PF XPO 0603 50V PHILIPS			
		18-110507-01		THICK F CHIP RES 10M 5% 200PPM 0603 1/16W KAMAYA			
		18-110608-01		THICK F CHIP RES 10M 5% 200PPM 0603 1/16W KAMAYA			
		18-112403-01		THICK F CHIP RES 10K 5% 200PPM 0603 1/16W KAMAYA			
		18-112505-01		THICK F CHIP RES 12M 5% 200PPM 0603 1/16W KAMAYA			
		18-118403-01		THICK F CHIP RES 180K 5% 200PPM 0603 1/16W KAMAYA			
		18-122406-01		THICK F CHIP RES 220K 5% 200PPM 0603 1/16W KAMAYA			
		18-133404-01		THICK F CHIP RES 33K 5% 200PPM 0603 1/16W KAMAYA			
		18-168404-02		THICK F CHIP RES 680K 5% 200PPM 0603 1/16W KAMAYA			
		30-120708-01		1 IC ASIC GATE ARRAY W402SS SSOP-20 SHARP			
		38-110086-01		1 DIODE RB715F UMT ROHM			
		38-110222-01		1 SCHOTTKY BARRIER DIODES RB706F-40 SOT-23 ROHM			
		46-000138-01		1 TACT SWITCH SKQGAF SMD 4PIN ALPS			
		11-280001-01		1 TRIMMER CAP PHD-A086 WACOM			
		26-000037-01		1 COIL FOR LUCY PEN L6 RH4*17.5*2 安星			