

USB97C242 Low-Cost Customer EVB

ASSY: 6270

Revised: Friday, March 21, 2003

Revision: B

STANDARD MICROSYSTEMS CORPORATION

80 Arkay Drive

P.O. Box 18047

Hauppauge, NY 11788-8847

Page 1

Item	Qty	Reference	Part	PCB Footprint	Manufacture Part #
1	30	C1, C2, C3, C4, C5, C6, C7, C8, C9, C14, C16, C18, C24, C25, C26, C28, C31, C32, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45	0.1uF	0603	Kemet-C0603C104K8RAC
2	1	C10	22uF	SMD_B	AVX-TAJB226K010R
3	2	C11, C12	20pF	0603	Kemet C0603C200J5GAC
4	1	C15	6.8uF	SMD_A	AVX-TAJA685K010R
5	2	C27, C21	0.01uF	0603	Kemet C0603C103K3RAC
6	3	C22, C30, C33	1.0uF	0805	Kemet C0805C105K8RAC
7	2	C29, C23	10 uF	SMD_A	AVX - TPSA106K020C1000
8	1	D1	1N4001	diode_axial	1N4001
9	4	FB1, FB2, FB3, FB4	500ma/0.10DCR	0603	MURATA - BLM11P600S
10	1	J3	HEADER_1x2	HEAD1x2	
	DN				
	P				
11	1	LED1	Red/Green	4-PIN_SMD	Digikey - 67-1372-1
12	1	P1	USB TYPE A	'USBA4M0301-2N'	Panstrong- USBA4M0301
13	1	Q1	MMBT3904	SOT23	Fairchild - MMBT3904
14	2	R3, R1	31.6	0603	Rohm-MCR03EZHF31R6
15	5	R2, R10, R13, R15, R24	10.0K	0603	Rohm-MCR03EZHF1002
16	1	R4	1.00M	0603	Rohm-MCR03EZHF1004
17	1	R5	1.50K	0603	Rohm-MCR03EZHF1501
18	1	R6	9.09K	0603	Rohm-MCR03EZHF9091
19	1	R7	237	0603	Rohm-MCR03EZHF2370
20	1	R8	332	0603	Rohm-MCR03EZHF3320
21	3	R9, R18, R25	1.00K	0603	Rohm-MCR03EZHF1001
22	4	R12, R11, R14, R19	0	0603	Rohm MCR03EZHF000
23	1	R16	22.1K	0603	Rohm-MCR03EZHF2212
24	1	R17	1.00K	0603	Rohm-MCR03EZHF1001
	DN				
	P				
25	4	R20, R21, R22, R23	100K	0603	Rohm-MCR03EZHF1003
26	1	S1	SPDT_TINY_TOG	SW_GT12MSAKE	C&K - GT11MSAKE
27	3	TP3, TP4, TP6	TP	TP_CUSTOM	MIL-MAX 3132-0---15-00-00-08-0
28	1	U1	USB97C242	TQFP100_12X	
29	1	U2	1-GBIT Toshiba NAND E2prom	TSOPI48	TH58100FT
30	7	U3, U5, U6, U7, U8, U9, U10	1-GBIT Toshiba NAND E2prom	TSOPI48	TH58100FT
	DN				
	P				
31	1	U4	AMD AM29LV010B-45JC	PLCC32_SOC	INTEL N28F020 SOCKET
32	1	VR1	LT1763-3.3	SOIC-8	LinearTech - LT1763CS8-3.3
33	1	VR2	LT1762-2.5	MSOP8	LinearTech - LT1762EMS8-2.5
	DN				
	P				
34	1	V1	SOCKET_PLCC_32_P	PLCC_32_PIN	

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Page 2

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35	1	Y1	IN 12.000MHz	HC49US	Ecliptek-EC2A-20- 12.000M