



AuthenTec, Inc.
Personal Security for the Real World™

TITLE	AES4000 Yukon USB
DESCRIPTION	USB Module based on AES4000 sensor with internal USB controller.
AuthenTec, Inc. P. O. Box 2719 Melbourne, FL 32902 (321) 308-1300 Fax:(321) 308-1431 URL http://www.AuthenTec.com	

Item	Manuf/part #	Vendor/part #	Description	Footprint	Qty	Ref Des	Notes
1	Panasonic ECJ-3YB0J475K	Digikey PCC1936CT-ND	4.7uF, 6.3 V X5R	1206	3	C1, C4, C36	
2	Panasonic ECU-E1C104ZFQ	Digikey PCC1731CT-ND	0.1uF, 16V, Y5V	0402	14	C2,C5,C6,C7,C8,C11,C12,C13,C14,C15,C16,C18,C22,C33	C16 Stuffed only when using U3
3	Panasonic ECJ-1VB0J105K	Digikey PCC1915CT-ND	1uF, 6.3V, X5R	0603	1	C25	
4	Panasonic ECU-E1H102KBQ	Digikey PCC1721CT-ND	1000pF, 25V, X7R	0402	1	C17	
5	Panasonic ECU-E1H100DCQ	Digikey PCC100CQCT-ND	10pF, 50V, NPO	0402	3	C19,C20,C21	
6	Panasonic ECU-E1H270JCQ	Digikey PCC270CQCT-ND	27pF, 50V, NPO	0402	4	C24,C23, C34, C35	C34 & C35 optional
7	Zetex ZXRE125FFTA	Digikey ZXRE125FFCT-ND	ZXRE125, 1.22V, 3%	SOT23-5	1	D1	
8	Murata BLM11A102S	Murata BLM11A102S	BLM11	0603	1	L2	
9	Murata BLM21P221SG	Murata BLM21P221SG	BLM21P	0805	2	L4,L3	
10	AuthenTec 092000G	AuthenTec 092000G	Enclosure	N/A	1	P1	
11	Newnex UF1-2402	Newnex UF1-2402	USB Cable	N/A	1	P2	
12	Fairchild NDS356AP	DigiKey NDS356PCT-ND	NDS356AP	SOT23-3	1	Q1	
13	Panasonic ERJ-3GEJ0.0	Digikey P0.0JCT-ND	0 ohm, Dual position	402-3	1	RN1	Use position 1-3
14	Panasonic ERJ-3GEJ10K	Digikey P10KJCT-ND	10K	0402	1	R7	
15	Panasonic ERJ-GEJ100K	Digikey P100KJCT-ND	100K	0402	1	R8	
16	Panasonic ERJ-2GEJ1.0K	Digikey P1.0KJCT-ND	1K	0402	1	R9	
17	Panasonic ERJ-2GEJ1.0M	Digikey P1.0MJCT-ND	1M	0402	1	R10	
18	Panasonic ERJ-2GEJ7.5K	Digikey P7.5KJCT-ND	7.5K	0402	1	R11	
19	Panasonic ERJ-2GEJ18	Digikey P18JCT-ND	18	0402	1	R14	
20	Panasonic ERJ-2GEJ1.5K	Digikey P1.5KJCT-ND	1.5K	0402	1	R15	
21	Panasonic ERJ-2GEJ24	Digikey P24JCT-ND	24	0402	2	R16,R17	
22	AuthenTec AES4000	Call (321)308-1300	AES4000	TQFP-144	1	U2	
23	Microchip 93LC46A/SN	Digikey 93LC46A/SN-ND	93LC46A	SO-8	1	U3	Optional VID, PID
24	Microchip PIC12C508A-04/SM	Digikey PIC12C508A-04/SM-ND	PIC12C508A	SO-8W	1	U4	
25	Maxim MAX890LESA	Maxim MAX890LESA	MAX890L	SO-8	1	U5	
26	Semtech SR05.TC	Semtech SR05.TC	SR05	SOT143	2	U9,U6	
27	ECS ECS-120-S-20A-TR	Digikey XC613CT-ND	12MHz	CSM-8	1	Y1	
28	AuthenTec AES4000 Yukon PCB	Yukon AES4000 PCB Rev2.0	PCB	-	1		