Component list

Aeroval-v2.PrjPcb

Source Data From:

Project: Variant: Aeroval-v2.PrjPcb Aeroval-v2.PrjPcb

<Parameter Revision not found>



22.08.2015 Report Date:

		Print Date:	22-Aug-15	4:39:05 PM					•	
Comment	Description	Quantity Footprin		Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1	Value
						**				
OnF	CAP CER 0.1UF 25V 10% X7R 0805	33 080503	C1, C5, C9, C10, C13, C14, C15, C18, C19, C20, C29, C30, C31, C34 C36, C37, C38, C39, C41, C43, C45 C47, C48, C49, C50, C51, C52, C53 C54, C55, C56, C58, C59	,	CL21B104KACNNNC	Digi-Key	1276-1099-1-ND	0,0204	6 732	12 100nF
F	CAP CER 1UF 25V 10% X7R 0805	14 080503	C2, C3, C4, C6, C7, C8, C11, C12, C16, C17, C23, C24, C27, C32	Kemet	C0805C104K3RACTU	Digi-Key	399-1168-1-ND	0,023	3,22	1uF
uF	CAP CER 10UF 16V 20% X6S 0805	2 080501	C21, C22	TDK Corporation	C2012X6S1C106M125AC	Digi-Key	445-7612-1-ND	0,35	5	7 10uF
InF	CAP CER 10nF 50V 10% X7R 0805	2 080503	C25, C33	Kernet	C0805C103K5RACTU	Digi-Key	399-1158-1-ND	0,034	0,68	10nF
0uF	CAP TANT 220UF 4V 20% 1411	1 1411	C26	Kemet	T491B227M004AT	Digi-Key	399-4625-6-ND	0,956	6 9,56	220uF
uF	CAP TANT 22UF 25V 10% 2413	1 2413	C28	Kemet	T491C226K025AT	Digi-Key	399-3746-1-ND	0,888	8,88	22uF
2nF	CAP CER 2.2nF 50V	1 080503	C35	Kernet	C0805C222F5GACTU	Digi-Key	399-11167-2-ND			2.2nF
ruF	CAP TANT 4.7uF 10V 10% 1206	2 120605	C40, C44	Kemet	T491A475K010AT	Digi-Key	399-3696-1-ND	0,30		6 4.7uF
0nF	CAP CER 0.22uF 50V X7R 10% 0805	2 080503	C42, C46	Kemet	C0805C224K5RACTU	Digi-Key	399-3491-1-ND	0,095	1,9	220nF
uF	CAP CER 10UF 16V 20% X6S 0805	1 080503	C57	TDK Corporation	C2012X6S1C106M125AC	Digi-Key	445-7612-1-ND	0,35	3,5	10uF
pF	CAP CER 18PF 50V 5% NP0 0603	2 060301	C60, C61	Kemet	C0603C180J5GACTU	Digi-Key	399-1052-6-ND	0,034	,	18pF
P0504BAHTG	TVS AVAL DIODE ARRAY 4CH, 5.5V	1 SOT23501	D1	Littelfuse Inc.	SP0504BAHTG	Digi-Key	F3157CT-ND	0,899	8,99	
D	LED 2X1.2MM 570NM GN WTR CLR SMD	9 LED_0805 - GREEN	D2, D3, D4, D5, D6, D7, D8, D9, D10	Kingbright	APT2012CGCK	Digi-Key	754-1127-1-ND	0,28	8 25,2	
'S DIODE 3.3V	TVS DIODE 3.3VWM 8VC SOD523	10 SOD-523	D11, D13, D14, D15, D16, D17, D18 D19, D20, D21	, Comchip Technology	CPDH3V3UP	Digi-Key	641-1395-1-ND	0,3708	37,08	
230A-13-F	B230A-13-F	1 SMA	D12	Diodes Incorporated	B230A-13-F	Digi-Key	B230A-FDICT-ND	0,38	8 3,8	500mV
M7180SFP		1 EM7180SF								
LM21BB331SN1D	EMI Filter Beads, Chips & Arrays 0805 330 OHM	1 080501	FB1	Murata Electronics	BLM21BB331SN1D	Mouser	81-BLM21BB331SN1D	0,085	5 0,85	300R@100MHz
ONN_4	[NoValue], CONN HEADER 2.54mm 4, [NoValue], CONN HEADER 2.54mm 4	4 640454-4	J1, J3, J4, J9							
DNN_2	CONN HEADER 2.54mm 2	8 640454-2	J2, J6, J8, J11, J24, J25, J26, J47			Stock				
K60-MB-5ST	CONN RECEPT MINI B USB2.0	1 USB/UX60-	/B-J5	Hirose Electric Co Ltd	UX60-MB-5ST	Digi-Key	H2959CT-ND	0,944	9,44	
ONN 6		5ST 4 640454-6	J7, J10, J12, J15							
ONN_6	DONNUITADED O SALVIO					Objects Objects Objects Objects				
ONN_3	CONN HEADER 2.54mm 3	26 640454-3	J13, J14, J16, J17, J19, J20, J27, J28, J29, J30, J31, J32, J33, J34, J35, J36, J37, J38, J39, J40, J41, J42, J43, J44, J45, J46			Stocks, Stocks, Stocks, Stock, Stocks, Stock, Stock, Stock, Stock, Stock, Stock				
ONN_10		1 640454-10	J18						4	
ONN_SD	CON 8 SD CARD PUSH SMT 1.1MM SP 75H AU	1 con8_sdcar push sm	i_ J21	Molex Inc.	1050270001	Digi-Key	WM6825CT-ND	1 261	1 12,61	
SH-105-01-F-DV-K	CONN HEADER 10POS DUAL .05" SMD	1 FTSH-105-0 F-DV-K	1- J22	Samtec Inc.	FTSH-105-01-F-DV-K	Digi-Key	FTSH-105-01-F-DV-K-ND	3,02	2 30,2	
ONN_BAT	TERM BLOCK HDR 2POS R/A 5.08MM	1 SL508_2C	J23	Weidmuller	1514910000	Digi-Key	281-1279-ND	0,486	4,86	282857-2
2uH	SDR1307-820KL	1 L1	L1	Bourns Inc.	SDR1307-820KL	Digi-Key	SDR1307-820KLCT-ND		8 7,8	82uH
AC5983	IC COMPASS 3 AXIS 16-LCC	2 QFN16	MAG1, MAG2	Honeywell Microelectronics & Precision Sensors	HMC5983-TR	Digi-Key	342-1092-1-ND	2 303	3 46,06	
PU-6000	GYRO/ACCELEROMETER 6AXIS 24QFN	1 QFN24	MPU1	InvenSense	MPU-6000	Digi-Key	1428-1005-1-ND	8 465	5 84,65	
35611		1 MS5611	MSC1							T
69k	RES 1.69K OHM 1% 1/8W 0805	5 060301	R1, R3, R4, R5, R37	Panasonic Electronic Components		Digi-Key	P1.69KHCT-ND	0,0114	0,57	1.69K
k7	RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 1% 0803, RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 0805, RES 4.7K 0805	17 060301	R2, R11, R12, R13, R14, R21, R22, R23, R24, R33, R58, R59, R60, R61 R62, R63, R64	Stackpole Electronics Inc.	RMCF0603FT4K70	Digi-Key	RMCF0603FT4K70CT-ND	0,0105	1 78	15 4k7
20R	RES 220R 0805	8 060301	R6, R7, R8, R15, R16, R17, R18,	Stackpole Electronics Inc.	RMCF0603FT220R	Digi-Key	RMCF0603FT220RCT-ND	0,0138	1 10	4 220R
k	RES 15K 0805	7 060301	R9, R10, R19, R20, R26, R27, R65	Rohm Semiconductor	MCR03ERTF1502	Digi-Key	RHM15.0KCFCT-ND	0,016	1,12	15k
k	RES 10K 0805	4 060301	R28, R30, R31, R66	Rohm Semiconductor	MCR03ERTF1002	Digi-Key	RHM10.0KCFCT-ND		6 0,64	10k
2	RES 2.2k 0805	2 060301	R29, R32	Stackpole Electronics Inc.	RMCF0603FT2K20	Digi-Key	RMCF0603FT2K20CT-ND	0,025	0,5	2k2
	RES 2K 1% 0805	1 060301	R34	Panasonic Electronic Components	ERJ-3EKF2001V	Digi-Key	P2.00KHCT-ND	0,10)	1 2k
	RES 1k 0805	2 060301	R35, R36	Panasonic Electronic Components	ERJ-3EKF1001V	Digi-Key	P1.00KHDKR-ND	0,10		2 1k
0R	RES 330R 0805	8 060301	R38, R39, R40, R41, R42, R43, R44 R45	, Rohm Semiconductor	MCR03ERTF3300	Digi-Key	RHM330CFCT-ND		6 1,28	330R
1	RES 1M 0603	1 060301	R67	Yageo	RC0603FR-071ML	Digi-Key	311-1.00MHRCT-ND	0,014	0,14	1M
VITCH	SWITCH DIP TOP SLIDE 4POS SMD	2 GDS04	SW1, SW2	C&K Components	SDA04H1SBD	Digi-Key	CKN6068-ND		4 32,88	
Q-PAG05R	SWITCH LT 6MM 260GF 5MM HEIGHT	1 EVQ-PAG0		Panasonic Electronic Components	EVQ-PAG05R	Digi-Key	P12195S-ND	0,256	2,56	EVQ-PAG05R
V27	TRANS NPN DARL 30V 1.2A SOT23	4 BCV27	T1, T2, T3, T4	Fairchild Semiconductor	BCV27	Digi-Key	BCV27CT-ND	0,15		ô
22102	Single-Chip USB to UART Bridge	1 QFN-28	U1	Silicon Labs	CP2102-GM	Digi-Key	336-1160-5-ND	2,75	27,5	
CV1117ST50T3G	Low Dropout (LDO) Regulators ANA 800mA LDO	1 SOT223	U2	ON Semiconductor	NCV1117ST50T3G	Digi-Key	NCV1117ST50T3GOSCT-ND		2 8,72	
EG1117-3.3/2K5	IC REG LDO 3.3V 0.8A SOT223	1 SOT223	U3	Texas Instruments	REG1117-3.3/2K5	Digi-Key	296-21321-1-ND	1,63	16,3	
Л2596	IC REG BUCK ADJ 3A TO263-5	1 TO263	U4	Texas Instruments	LM2596SX-ADJ/NOPB	Digi-Key	296-35399-1-ND		5 40,5	
	IC BUFF/DVR NON-INVERT 14TSSOP	3 TSSOP14	U5, U6, U7	Texas Instruments	SN74LV4T125PWR	Digi-Key	296-40545-1-ND	0,8064	24 192	4
									6 115,26	
K64FN1M0VLQ12	MK64FN1M0VLQ12	1 LQFP 144	uC1	Freescale Semiconductor	MK64FN1M0VLQ12	Digi-Key	MK64FN1M0VLQ12-ND			
8N74LV4T125 MK64FN1M0VLQ12 CRYSTAL 32.768k MBM3-8.000MHZ-D2Y-T		1 LQFP 144 1 XT-5 1 XT8_2-SME	Y1	Freescale Semiconductor ECS Inc. Abracon LLC	MK64FN1M0VLQ12 ECS327-12.5-17X-C-TR ABM3-8.000MHZ-D2Y-T	Digi-Key Digi-Key Digi-Key	XC1912CT-ND 535-10630-6-ND	1 073	3 10,73 8 9,68	32.768kHz 8 MHz