Component List			<parameter found="" not="" title=""></parameter>		
uros Data: <u>85409 EVSK Rov8-PHPCB</u> Project <u>85409 EVSK Rov8-PHPCB</u>				TAYN	IFT®
Variant:	None				
teport Date: Print Date:	port Date: 3/1/2013 1:02:59 PM Int Date: 5/1/2013 11:31:26 AM			electronics m	arketing
9 Quartity 1 71	Designator. C70, C71, C72, C73, C74, C75, C76, C83, C85, C87, C88, C96, C99, C100, C105, C106, C107, C27, C28, C19, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44,	Description CAP SM0.1uF 10V 10% XSR C0402	MEGON 0402ZD104KAT2A GRM155R71C103KA01D	MFG Code AVX MUR	AVLNo DNP AVPC-0000032
2 76 3 31 4 1	C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C160, C163, C169, C170, C177, C180, C183, C186, C187, C188, C189, C197, C198, C187, C188, C187, C187, C187, C187, C188, C187, C187, C187, C187, C187, C187, C187, C187,	CAP SM 0.01 LF 16V 10% X7R C0402 CAP SM 10LF 10V 10W X5R C0805 CAP SM 0.1 F0 V 10W X5R C0402	GRM155R71C103KA01D GRM21BR61A106KE19L	MUR MUR	AVPC-0000497 AVPC-0000170
5 7	C84, C86, C95, C130, C133, C134, C136 C108	CAP SM4.7 iF 10V 10% X5R C0805 CAP SM 0.01 iF 18V 10% X7R C0802	0805ZD475KAT2A GRM155R71C103KA01D	AVX MUR	AVPC-0000174 AVPC-0000497 DNP
7 4 8 2	C113, C115, C188, C167 C118, C125	CAP SM 1 56F 6.3Y 20% XSR C0462 CAP SM 1000pF 50V 10% NPO C0603	ECJ-0EB0J105M 0803SA102KAT2A	PIC AVX	AVPC-000084 AVPC-000043
7 4 8 2 9 3 10 1	C120, C123, C124	CAP SM 23/F 16V 10% X5R C1210	GRM32ER61C236KE20L GRM21BR61A106KE19L 06033A471FAT2A	MUR MUR AVX	AVPC-0000098 AVPC-0000170 DNP
11 1	C127 C128 C129	CAP SM 10uF 10V 10% X3R C0805 CAP SM 470pF 25V 1% NPO C0803 CAP SM 68pF 50V 5% NPO C0803	08035A680JAT2A	AVX AVX	AVPC-0000221 AVPC-0000054
13 1 14 1	C131	CAP-P SM 220uF 16V 10% TNT C7343P-43 CAP-P SM 22uF 25V 10% TNT C3528P-21 Diode SM MRRA130LT3G Scholley 1.0A 30V DIO-S SMA	TPME227K016R0025 TAJB225K025R	AVX AVX	AVPC-0000483 AVPC-0000163 DNP
15 1 16 6 17 1 18 7	D1 D2, D3, D4, D6, D7, D32	ESD SM ESD Protection POLY_ESD ESD0402	MBRA130LT3G PESD0402-140	MOT RCP	AVDD-0000004 AVDC-0000005
18 7	D8, D11, D12, D13, D14, D15, D24	OVP SM Over Voltage Protection 1.3A 24V 5.6V POLY_ZEN PolyZen LED, YELLOW 585nm SM 2.1V 10mA 6mcd LED-Y LED_LITE-LTST-C191TBKT-Y LED, GREEN 585nm SM 2.1V 20mA 12mcd LED-G LED_LITE-LTST-C191TBKT-G	ZEN056V130A24LS LTST-C190YKT LTST-C190GKT	RCP LTP LTP	AVDC-0000003 AVDL-0000017 AVDL-0000002
19 1 20 1	D10	LED, GREEN 560rm 5802.0V 20mA 12mcd LED-R LED-LITE-LTST-C191KRKT LED, RED 631rm 8802.0V 20mA 54mcd LED-R LED_LITE-LTST-C191KRKT LED, GREEN 560rm 2.1V 20mA 12mcd LED-Q SMLED0603-G	LTST-C191KRKT LTST-C171GKT	LTP LTP	AVDL-000002 AVDL-0000015
21 1 22 3 23 9	D17, D19, D22 D18, D20, D21	Diode SM Zeriar ESD Protection 6 DIO-2-Dail-Com/m SOT-23 Diode SM Power Rectifier Schotky 5A 40V 5V DIO-S SMC_403-03	GSOTOSC-GSOS MRRSMATTAG	SIX MOT	AVDD-0000041 AVDD-0000040
23 3 24 1 25 3 26 2 26 2	D25, D26, D27	Diode SM Schotsky 30V DIO-S SOT-23 PTC SM 4 Channel FSD Protection 34 BV SESDOMODALIS DIODOGRAPH SESDOMODALIS	BAT54LT1G SESD0802Q4UG-0020-090	MOT RCP	AVDD-0000019 AVDC-0000007
26 2 26 2	D28, D30 D29, D31	LED, High Brightness 3.1V 350mA 70cd LED, HB dummy LED, High Brightness 3.1V 350mA 70cd LED, HB dummy	LCW CR7P.PC-LQLS-8H71-1 LCW CR7P.PC-LQLS-8H71-1	008	AVDL-0000020 AVDL-0000020 DNP
28 5 29 2 30 1 31 1 32 1 33 1 34 1 35 34	FER1, FER2, FER3, FER4, FER5 J1, J3		NFE61PT472C1H9L 1734035-1	MUR AMP	AVPF-0000028 AVEC-0000141
30 1	22 34	CONN SM USB mini B 5 wire USB2.0 USB .AB Header SM 105mil 7X2 0.230in post HDR7X2 CON_SAM-TSM-107-DV CONN TH R.45 Jack 10/100 wiMags 8 pin MAG45_5-1840468-8 PULSE_J006BD21BNL	T8M-107-01-L-DV 5-1840408-8	SAT AMP	AVEH-0000065 AVEC-0000134
33 1	36 26	CONN SM Micro-SD Mem Card Revisio receptacle CON-MICRO-SDCARD Dummy CONN SM HDM HDM-1903015 HDMI_1903015 Header TH 100ml 6x1 HDR6 HDR6-100	1871602-1 5-1903015-1 5-146280-6	AMP AMP AMP	AVEC-0000170 AVEC-0000189 AVEH-0000006 DNP
	JF JT18, JT19, JT23, JT25, JT26, R9, R21, R29, R31, R45, R93, R103, R107, R148, R152, R154, TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP19	Header 1H 100mil 6x1 HDMS HDMS-100 SpedJPR R0402-DUAL_JMP, Jumper 3-paid Open 0402 RES-3paidJPR R0402-DUAL_JMP, Jumper SpedJPR R0402-DUAL_JMP, Jumper 3-paid Open 0402 RES-3paidJPR R0402-DUAL_JMP, Jumper	5-146280-6 CRCW04020000Z0ED None	DAL None	0000025, AVPO-0000025, 0000027, AVPO-0000027, DNP
36 16 37 7 38 34	101, 102, 103, 104, 105, 109, 109, 100, 100, 1010, 1011, 1012, 1013, 1014, 1015, 1012 3.720, 3.721, 1.724, 8.18, 2.827, 8.170 R72, R74, R75, R76, R77, R78, R70, R80, R85, R85, R128, R155, R156, R157, R158, R171	Spead-PR R0402-CDUAL_SIMP, Jumper 3-paid Option 0402 RES-3paid-PR R0402-CDUAL_SIMP, RESEARCH COULDED TO THE RESEARCH COURT SIMP R0402	None CRCW046210K0FKED	None DAL	0000027, AVPO-0000027, DNP 0000034, AVPR-0000034,
39 1 40 1	12	IND SM1.5uH8115MHz 2.6A 0.2.050shm8DC ChokesComMode SM @ 54.0.25 (2cdm@DC	IHLP1212AEER1R5M11	VIS MUR	AVPI-0000087
38 34 39 1 40 1 41 2 42 1 43 6 44 4 43 1 44 1 47 1 48 1	LS, L4 L5	FB SM 220 ohm@100MHz 2000mA 0.25 0.045 ohm@DC L0805 IND SM 2.5uH@61MHz 9A 0.3.010ohm@DC	BLM21PG221SN1D MSS1038-252NL ELJ-FC100KF	MUR CLF	AVPF-0000009 AVPI-0000089
43 6	18, L7, L8, L9, L10, L11 L12, L13, L14, L15	IND SM 104H9252MH2 80HA 10% 9DC L1008 IND SM 1.04H91MH22.0A 0.3 9DC	VLF302510MT-1R0N	PIC TDK	AVPI-000088 AVPI-000088
43 1	M1 M2	Largan Lens Largan Lens holder CONN SM Power Jack 2.1MM X 5.5MM center stud Barrel_Socker-3B CON_CUI-PJ-0528-SMT	9386A1D-00 9386D Holder	Largan Largan	
47 1	P1 P2 01.02	CONN SM Power Jack 2.1MM X 5.5MM center stud. Barnet, Socket-3B CON_CUI-PJ-002B-8MT Header TH 100mil 1x1 HDR1 NFET SM N-Ch Enhancement 115mA 60V 200m/W NFET SOT23GSD	PJ-002AH-SMT 5-146280-1	CUI AMP	AVEC-0000171 AVEH-0000001 DNP AVDT-000002
50 2 51 3	01, 02 R3, R4 R5, R81, R88	NFET SM N-Ch Enhancement 115nA 80V 200mW NFET SOT23GSD RES SM 1K 82mW 0.01 R0402 RES SM 100 62mW 0.05 R0402	CRCW04021K00FKED CRCW0402100RJNED	DAL DAL	AVD1-000002 AVPR-0000052 AVPR-0000032
	R115, R116, R117, R118, R119, R120, R123, R126, R129, R130, R131, R132, R134, R135,	RES SM 33 62mW 0.05 R0402 RES SM 33 62mW 0.05 R0402	CRCW040233R0JNED CRCW040233R0JNED	DAL DAI	AVPR-000033 AVPR-000033 AVPR-000033
52 47 52 1 54 3 55 6 56 7 57 1	R10, R11, R54 R24, R26, R146, R163, R164, R165	RES SM 1.5K 62mW 0.01 R0402 RES SM 4.7k 62mW 0.05 R0402	CRCW04021K50FKED CRCW04024K70JNED	DAL DAL	AVPR-0000056 AVPR-0000091
56 7 57 1	R30, R83, R84, R88, R89, R90, R133 R32	RES SM 330 62mW 0.05 R0402 RES SM 220 62mW 0.05 R0402	CRCW0402330RJNED CRCW0402220RJNED	DAL DAL	AVPR-0000081 AVPR-0000063
58 9 59 15 60 2	R33, R34, R52, R53, R56, R50, R60, R61, R62 R35, R36, R37, R38, R40, R41, R43, R44, R46, R47, R48, R49, R50, R124, R125	RES SM 2.21K 62mW 0.01 R0402 RES SM 49.9 62mW 0.01 R0402	CRCW04022K21FKED CRCW040249R9FKED	DAL DAL	AVPR-0000076 AVPR-0000090
61 1	R39, R42 R51	RES SM 301 62mW 0.01 R0402 RES SM 4.87K 62mW 0.01 R0402	CRCW0402301RFKED CRCW04024K87FKED	DAL DAL	AVPR-0000299 AVPR-0000453
62 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	R57, R58 R73 R91	RES SM 33 62mW 0 025 R0402 RES SM 681 62mW 0.01 R0402 RES SM 150 62mW 0.05 R0402	CRCW040233RQJNED CRCW0402881RFKED CRCW0402150RJNED	DAL DAL DAL	AVPR-000033 DNP AVPR-0000105 AVPR-000045
65 1 66 4	R92 R94, R121, R122, R149	RES SM 2-0K 62mW 0.01 R0402 RES SM 2-0K 62mW 0.01 R0402 RES SM 2-0K 62mW 0.01 R0402	CRCW060310R0JNEA CRCW04022K00FKED	DAL DAL	AVPR-000045 AVPR-0000125 AVPR-0000384
67 1 68 1	R96 R98	RES SM \$2.4K 62mW 0.01 R0402 RES SM 30.1K 62mW 0.01 R0402	CRCW040232K4FKED CRCW040230K1FKED	DAL DAL	AVPR-0000570 AVPR-0000079
69 2 70 1	R92, R100 R101	RES SM 0.082 0.5W 0.01 R 1206 RES SM 24.9K 62mW 0.01 R0402	ERJ-88WFR082V CRCW040224K9FKED	PIC DAL	AVPR-0000428 AVPR-0000500
71 1 72 1	R102 R104	RES SM 858K 62mW 0.01 R0402 RES SM 255K 62mW 0.01 R0402	CRCW040280K6FKED CRCW0402255KFKED	DAL DAL	AVPR-0000568 AVPR-0000569
73 1	R105 R106	RES SM 24.9K 62mW 0.01 R0402 RES SM 20.0K 62mW 0.01 R0402	CRCW040224K9FKED CRCW040220K0FKED	DAL DAL	AVPR-0000500 DNP AVPR-0000061 DNP
76 1	R107 R108	RES SM 49.9K 62mW 0.01 R0402 RES SM 20.0K 62mW 0.01 R0402	CRCW0402249K9FKED CRCW040220K0FKED CRCW040227K4FKED	DAL DAL	AVPR-000089 AVPR-000061 AVPR-000488
77 1 78 1 79 1 80 1 81 1	R117 R147	RES SM 27.4K 62mW 0.01 R0402 Variator Variator RES_VARISTOR: R0603 RES_SM 887 62mW 0.01 R0402	EZJ-S1VC392 CRCW0402887RFKED	PIC DAL	AVPR-0000468 AVPC-0000041 AVPR-0000571
80 1	R165 R160	RES SM 500 EXTRA 0.05 RO402 RES SM 100 EXTRA 0.05 RO402 RES SM 10K 62mIN 0.01 R0402 Switch DIP Half Pitch SM SPST4 Side NO. 4ch 24VDC 25mA SW-DIP04 SMDIPSW4	CRCW0402560RUNED CRCW040210K0FKED	DAL DAL ALC	AVPR-000022 AVPR-000034 DNP AVES-000036
82 1 83 3 84 1 85 1 86 1 87 1	SW1 SW2, SW3, SW4	SW_PB_SPST_4POS_SMT	GDH04S04 8-1437565-0	AMP	AVES-0000037
84 1 85 1	us uz	DSP SM Dual Core ANA ADSP-BF609KBCZ DSP_ADSPBF609_A DDR2 SDRAM SM 1.8V 1Gb (64Mx16) 800MHz ICS_MT47H64M16.1 FBGA84 10X12.5mm	ADSP-BF609KBCZ MT47H84M16HR-25:H	ANA MIC	AVIC-0000418 AVIM-0000025
	US UIS	IDT Synthesizer, IDTS/V8885TPFGL, 44 TGFP Analog Switch Multiplesser, Fairchild USB switch, SOT23-5 Osc SM 25.000MHz 3.3V 7.5 X 5.2mm 09C-4 XTAL EC33951M/3953M	IDTSV988STPFGI FPF2125	IDT FAR	AVIT-0000012
88 1 89 1 90 1 91 1	US IIR	Osc SM 25.00MHz: 3.3V 7.5 X 3.2mm OSC-4 XTAL_ECS3951M/3953M USB USB to Usn 1 CP2102 SM CP2102 QFN28 Sensor SM Temperature ICS_ADM103.1	F4105-250 CP2102-GM ADM1033-ARMZ-RFFI	FOX SLL MOT	AVIT-0000012 AVIY-0000022 AVIA-0000055
91 1	Ur UB	Ethernet 10/100 1 DP83848 SMICS_DP83848.1 Our SM 50894: 339/75 X 5 2mm OSC 4 XTAL FCS3951M3953M	DP83848CVVXNOPB F4100-500	NSC FOX	AVIX-0000055 AVIY-0000041 AVIT-0000013 DNP
92 1 93 1 94 1 95 2 96 1 97 1	Lito	Flash Serial IIC SM 32Mb Winbond PRG .SST25WF020.1 dummy Supervisor SM ICS_ADM708AR.1	W25Q32BVSSIG ADM708RARZ	gWI ANA	AVIM-0000098 AVIA-0000054
95 2 96 1	U11, U12 U13	INVERTER SM Schmit Trigger ICS_SN74XXX1G14.1_1 S0T23-5	SN74LVC1G14DBVT ADP2119ACPZ-R7	TIS ANA	AVID-0000484 AVIP-0000185
97 1 98 1	U14 U15	Regulator DC/DC Step Down SM Adj ICS_ADP1864.1 NFET SM P-Ch MOS 20V 6:3W ICS_S19804DY.1	ADP1884AUUZ-R7 S174038DN-T1-GE3	ANA SIX	AVIP-0000164 AVDT-0000030
100 1	urs urr	Power LDO SM 1.8V 1A ICS_ADP1706.1 Dummy Power LDO SM Adi 1A ICS ADP1706.1 Dummy	ADP1708ACPZ-1.8-R7 ADP1708ACPZ-R7	ANA ANA	AVIP-0000188 AVIP-0000187
102 1	U19 U20 U21	Encoder HDMI ICS_ADV7511.1 Oac SM 12MHz 1.8-3.3V 7.X 5mm OSC-4 3-State Buffet SM LVC Single 1bit 74V1G125 SOT23-5	ADV7511KSTZ DSC1001AE2 - 012 0000 T SN74LVC1G125DBVT	ANA DSE TIS	AVII-0000021 AVIT-0000109 DNP AVID-0000483
104 2	1021 1022, 1025	3-State Buffet SMLVC Single 1bit 74V10125 S0723-5 Power Constant current LED Driver SML 25V to 55V 2A MAX77387 Dunniny CMOS Aprina ICS_MT9M114_50CSP.1	SNF4LVC1G125DBVT MAX77387EWP+T MT9M114EBLSTCZ	MKM MIC	AVID-0000483 AVIP-0000184 AVIO-000001
106 1 107 1	Los Los	CMDS Aprima ICS_MT981114_50CS91. IJC MUX 12 SM FET Dual TSSOP8 PCA95408D EEPROM Sarial SM 25V-55V 64Kb 400Hz 24LCo-SN 50IC-8	MT9M14EBLSTCZ PCA9840BDP,118 24LC84B-I/SN	NKP MCC	AVID-0000001 AVID-0000482 AVIM-0000024
108 1	MS M4	Loctile silicone, black, PN: 5900 3M Bumper, SJ53002, 7-9mm x 2-2mm	5900 SJ53002	LOC 3M	
110 1		Antistatic shipping bag Label for antistatic bag - board partiserial number BF609 FinBoard PCB		EMI EMI	
Approved	PC8	8F809 FinBoard PCB	BD-DSPVK-BF609-G Notes	EMI	
			1		