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Bill of Materials				for Project [Array Supervisor Boar	d.PrjPcb]	(No PCB Docu	ment Selected)						
Project:		Acres Searches Basel Pillich Alers Searches Basel Pillich Note Note											
		103.04 143.04											
	08-Apr-19	1:14:01 AM	=										
Production Quantity: Currency	USD		-										
Footprint	Comment	LibRef	Designator	Description Con-Coronic O D146 500/ 328 505/ 5380	Quantity	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Order City 1	Supplier Subtotal 1	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1
	10nF 10nF	CL21B103KBANNNC CL21B103KBANNNC	C1 C2	Cap Ceramic 0.01uff 50V X7R 10% SMD	1	Digi-Key Digi-Key	1276-1015-1-ND 1276-1015-1-ND						
	10nF	CL21B103KBANNNC	a	Cep Ceramic 0.01 of 50V X7R 10% SMD 1980x 1390; Baree T/B Cep Ceramic 0.01 of 50V X7R 10% SMD 1985 1350; Pacer T/R Cep Ceramic 0.01 of 50V X7R 10% SMD 1985 1390; Pacer T/B	- 1	Digi-Key	1276-1015-1-ND						
	o.tuli tuli	CL21B104KBCWPNC CL21B105KAFNNNE	cs	Cap Ceramic 1uff 25V X7R 10% SMD 0805 125C T/R	-	Digi-Key Digi-Key	1276-6557-1-ND 1276-1066-1-ND						
	Inf	C0805C102JSHACAUTO C0805C102JSHACAUTO C0805C102JSHACAUTO	CZ CZ	JOSES 108 SOF LINE SOF LITTRE STABLE CAP CER ROSS 1NP SOF LITTRE STABLE CAP CER ROSS 1	+	Digi-Key Digi-Key Digi-Key Digi-Key	359-16591-1-ND 359-16591-1-ND 359-16591-1-ND						
	tell tell	C0805C102/SHACAUTO C0805C102/SHACAUTO C0805C102/SHACAUTO C0805C102/SHACAUTO	C10	CAP CER ONS INF SOVUETRA STARL CAP CER ONS INF SOVUETRA STARL CAP CER ONS INF SOVUETRA STARL	-	Digi-Key Digi-Key	359-15391-1-ND 359-15391-1-ND 359-15391-1-ND 359-15391-1-ND 359-15391-1-ND						
	tell Inf	COROSC 102 ISHACALITO COROSC 102 ISHACALITO	C12 C13	CAP CER ONCE THE SOUTH THE STARL CAP CER ONCE THE SOUTH THE STARL	-	Dioi-Key Dioi-Key Dioi-Key Dioi-Key	359-15591-1-ND 150-16191-1-ND 359-15591-1-ND 359-15591-1-ND 359-15591-1-ND						
	10F 10F	C0805C102JSHACAUTO C0805C102JSHACAUTO	C15 C16	CAP CER 0805 INF 50V ULTRA STABL CAP CER 0805 INF 50V ULTRA STABL CAP CER 0805 INF 50V ULTRA STABL CAP CER 0.33LF 50V X7R 0805		Digi-Key Digi-Key Digi-Key	399-16591-1-ND 399-16591-1-ND						
	0.35df 0.35df 0.35df 0.35df	CL218334KBFVPNE CL218334KBFVPNE CL218334KBFVPNE CL218334KBFVPNE	C17 VSU2 C17 VSU2 C17 VSU3	CAP CER 0.33UF 50V X7R 0805		Digi-Key Digi-Key Digi-Key Digi-Key	1276-6813-1-ND 1276-6813-1-ND 1276-6813-1-ND 1276-6813-1-ND						
	0.33df 0.33df 0.33df	CL218334KBFVPNE CL218334KBFVPNE CL218334KBFVPNE	C18 VSU2	CAP CER 0.33UF 50V X7R 0805	+	Digi-Key	1276-6813-1-ND 1276-6813-1-ND 1276-6813-1-ND						
	0.1uff 0.1uff	CL218104KBCWPNC	C10 V611 C19 V5U2	CAP CER 0.1UF SOV X7R 0805	-	Did-Key Did-Key Did-Key Did-Key	1276-6557-1-ND						
	0.1uff 0.1uff	CL21B104KBCWPNC CL21B104KBCWPNC	C20 Y5UZ	CAP CER 0.10F SUV A/R 080S	-	Digi-Key Digi-Key	1276-6557-1-ND 1276-6557-1-ND						
	0.35df 0.35df	CL218334KBFVPNE CL218334KBFVPNE	C21 VSU3 C21 VSU2	CAP CER 0.10F 50V X7R 0805 CAP CER 0.33UF 50V X7R 0805 CAP CER 0.33UF 50V X7R 0805 CAP CER 0.33UF 50V X7R 0805		Didi-Key Didi-Key	1276-6813-1-ND 1276-6813-1-ND						
	0.33df 0.33df	CL218334KBFVPNE CL218334KBFVPNE	C22 VSU1 C22 VSU2	CAP CER 0.33UF 50V X7R 0805 CAP CER 0.33UF 50V X7R 0805 CAP CER 0.33UF 50V X7R 0805	-	Digi-Key Digi-Key Digi-Key	1276-6813-1-ND 1276-6813-1-ND						
	TVS Diode 12V TVS Diode 3V3	CI STRUMERFURNE SD12T1G CD50D323-T03S	01 D2	CAR CER O XVEE SOLVER DOOR. TVS DIODE 12V 19V SODX23 ESD Suppressor TVS a30kV 2-Pin SOD-	-	Digi-Key	SD12T1GOSCT-ND CDSC0323-T03SCT-ND						
	TVS Diode 3V3 TVS Diode 5V Green LED	CDSOD323-T03S SD05T1G SMLJ YT090***** YP	D2 D3 D4	TVS DIODE SV 9 8V SOD323		Digi-Key Digi-Key Digi-Key	CDSC0323-T03SCT-ND SD65T1GOSCT-ND 67-1573-1-ND						
	Yellow LED	SML-LXT0805YW-TR	DS	LED, Yellow; 10mod; SMD; 100mA; 2.1V; 140deg; 555mm; Diffused; 5V; 50mW; -	1	Digi-Key	67-1554-1-ND						
	Red LED Direte KW 11	SML-LXT0805SRW-TR CCBN0Ma001.HF	D6	LED BED DEFLISED (MVS SMD)	1	Did-Key Did-Key	67-1555-1-ND 841-1511-1-ND						
	Diode 50V 1A Diode 50V 1A Diode 50V 1A Fuseholder	CGRXMA001-HF CGRXMA001-HF CGRXMA001-HF	DS DS F1	NEON GEN DI BER FOU 14 SCHOLZE BODG GEN PERP 50V 14 SCHOLZE DOGG GEN PERP 50V 14 SCHOLZE DOGG GEN PERP 50V 14 SCHOLZE SCHLETTER - 0031 7701.11 - FUSE HOLDER, PCOMOUNT SCHLETTER - 0031 7701.11 - FUSE HOLDER, PCOMOUNT TERM BUK 2P SIDE ENT 224MM PCB CONN HEADER VERT 2003 5 SAMM		Digi-Key Digi-Key Digi-Key	541-1511-1-ND 541-1511-1-ND 485-1991-ND						
	Fuseholder	0031.7701.11	f2	HOLDER, PCB MOUNT SCHURTER - 0031.7701.11 - FUSE HOLDER, PCB MOUNT	1	Digi-Key	486-1991-ND						
	1x2 Screw Terminal 1x3 HDR100 1x3 HDR100	282834-2 901200763 901200763	J1 J2	TERM BLK 2P SIDE ENT 2.54MM PCB CONN HEADER VERT 3POS 2.54MM CONN HEADER VERT 3POS 2.54MM	1	Digi-Key Digi-Key Digi-Key	WMMOSS-ND WMMOSS-ND						
	D-Sub9 Header, RA 1x2 HDR100	5747840-6		COMPLETE BY THE SPACE BY NOT DEB		Digi-Key	A32094-ND WMM094-ND						
	1x3 HDR100	901200763	35 3 35	CONN HEADER WERT 2003 2-54MM CONN HEADER WERT 2003 2-54MM CONN HEADER WERT 2003 2-54MM SAMTEC ESO-119-24-T-O Board-To-Board Connector, Vertical, ESO Series, 36 Contacts, Receptacie, 2-54 sem. Thorough folial SAMTEC ESO-119-24-T-O Board-To-Board Connector, Vertical, ESO Series, 36 Contacts, Receptacie, 2-54 sem. Thorough folia		Digi-Key Digi-Key	WM8085-ND						
	2x19 Morpho Socket, Left	ESQ-119-24-T-D_L	.37	Board-To-Board Connector, Vertical, ESQ Series, 38 Contacts, Receptacle, 2.54 mm. Through Hole	1	Digi-Key	SAM9313-ND						
	2x19 Morpho Socket, Right	ESQ-119-24-T-D_R	Ja	SAMTEC ESQ-119-24-T-D Board-To-Board Connector, Vertical, ESQ Series, 38 Contacts, Receptacle, 2.54	1	Digi-Key	SAM9313-ND						
	2nt Socket, RA 2nt Socket, RA	1053141201	1 Jo 1 J10	CONN HEADER RIA MPOS 2.5MM	-1	Digi-Key Digi-Key	WM14978-ND WM14978-ND						
	2x7 Rootest BA 2x3 Socket, RA 1x2 Header, RA	1053141206 43650-0205	J12 J13 VSU1	CONN HEADER BIA 1480'S 2 5MM CONN HEADER RIA GPOS 2 5MM HEADER, RIGHT ANGLE, 2WAY	-	Dist-Key Dist-Key Dist-Key	WM14977-ND WM17581-ND						
	1x2 Header RA 1x2 Header RA DMG0902U	43850-0205 43850-0205 DMG6968U-7	J13 VSU2	HEADER, RIGHT ANGLE ZWAY HEADER, RIGHT ANGLE ZWAY MOSFET N-CH Z0V 65A 50T-23	-	Digi-Key Digi-Key	WM17581-ND WM17581-ND DMG5988UDICT-ND						
	DMG2968U DMG2968U	DMG6988U-7 DMG6988U-7 DMG6988U-7 ERJSENF1002V	01 02 03	MOSPET N-CH 20V 65A 501-23 MOSPET N-CH 20V 65A 50T-23 MOSPET N-CH 20V 65A 50T-23 RES SMD 10K OHM 1% 18W 0805 RES SMD 150 OHM 1% 1/W 0805		Digi-Kev Digi-Kev Digi-Kev Digi-Kev	DMGESSSUDICT-ND DMGESSSUDICT-ND DMGESSSUDICT-ND P10.0KCCT-ND						
	10K 156 156	ERJSENF1500V	R1 R2 R3	RES SMD 150 OHM 1% 1/8W 0805		Digi-Key	P150CCT-ND P150CCT-ND P150CCT-ND						
	20K 20K	ERMENF2002V ERMENF2002V	RS RS	BES SMD 150 CHM 1% 1/8W 0805 RES SMD 20K CHM 1% 1/8W 0805 RES SMD 20K CHM 1% 1/8W 0805	-	Dioi-Key Dioi-Key Dioi-Key	P20.0KCCT-ND P20.0KCCT-ND P20.0KCCT-ND						
	20K 3K 3K	ERJSENF2002V ERJSENF3001V ERJSENF3001V	R7 R8 VSU1 R8 VSU2	RES SMD 20K CHM 1% 1/8W 0805 RES SMD 3K CHM 1% 1/8W 0805 RES SMD 3K CHM 1% 1/8W 0805	+	Digi-Key Digi-Key Digi-Key	P26.0KCCT-ND P3.0KCCT-ND P3.0KCCT-ND						
	3K 3K	ERMENF300TV ERMENF300TV	R8 VSU3 R9 VSU1	RES SMD 3K OHM 1% 1/8W 0805 RES SMD 3K OHM 1% 1/8W 0805	-	Digi-Key Digi-Key	PAGKOCT-ND PAGKOCT-ND PAGKOCT-ND						
	3K 3K	ERJEENF3001V ERJEENF3001V	Ro VSUS R10 VSUS	BES SMD 3K CHM 1% 18W 0805 RES SMD 3K CHM 1% 18W 0805 RES SMD 3K CHM 1% 18W 0805	-	Did-Key Did-Key Did-Key	P3.0KCCT-ND P3.0KCCT-ND						
	3K 20K	ERJENF3001V ERJENF3001V	R10 VSU3 R11 VSU1	RES SMD 3K CHM 1% 1/8W 0805 RES SMD 2K CHM 1% 1/8W 0805		Digi-Key Digi-Key	P3.0KCCT-ND P20.0KCCT-ND						
	20K 20K 6.2K	ERJSENF2002V ERJSENF2002V ERJSENF6201V	R11 VSU2 R11 VSU3 R12 VSU1	RES SMD 20K CHM 1% 1/8W 0805 RES SMD 20K CHM 1% 1/8W 0805 RES SMD 6.2K CHM 1% 1/8W 0805	+	Digi-Key Digi-Key Digi-Key	P20.0KCCT-ND P20.0KCCT-ND P6.20KCCT-ND						
	62K 62K 1K	ERJSENFG201V ERJSENFG201V ERJSENFG201V ERJSENF1001V ERJSENF1001V ERJSENF1001V	R12 VSU2 R12 VSU3 R13 VSU1	RES SMD 6.2K OHM 1% 1/WV 0805 RES SMD 6.2K OHM 1% 1/WV 0805 RES SMD 1K OHM 1% 1/WV 0805 RES SMD 1K OHM 1% 1/WV 0805 RES SMD 1K OHM 1% 1/WV 0805		Digi-Kev Digi-Kev Digi-Kev Digi-Kev Digi-Kev	PS2SCCT-ND PS2SCCT-ND P10SCCT-ND						
	1K 1K	ERMENF100TV ERMENF100TV FRMENF100TV	R13 VSU2 R13 VSU3 R14 VSU1	RES SMD 1K CHM 1% 18W 0805 RES SMD 1K CHM 1% 18W 0805 RES SMD 3K CHM 1% 18W 0805	I	Digi-Key Digi-Key Digi-Key	PLOSCCT-ND PLOSCCT-ND PLOSCCT-ND PLOSCCT-ND						
	3K 3K	ERJSENF3001V ERJSENF3001V	R14 VSU2 R14 VSU3	BES SMD 3K CHM 1% 19W 0805 RES SMD 3K CHM 1% 19W 0805 RES SMD 3K CHM 1% 19W 0805		Dial-Key Dial-Key Dial-Key	P3.0KCCT-ND P3.0KCCT-ND						
	3K 3K	ERJEENF3001V ERJEENF3001V	R15 VSU3 R15 VSU3	BES SMD 3K CHM 1% 18W 0805 RES SMD 3K CHM 1% 18W 0805 RES SMD 3K CHM 1% 18W 0805		Dig-Key Dig-Key	P3.0KCCT-ND P3.0KCCT-ND						
	3K 3K	ERJSENF3001V ERJSENF3001V ERJSENF3001V	R16 VSU2 R16 VSU3	RES SMD 3K CHM 1% 16W 0805 RES SMD 3K CHM 1% 16W 0805 RES SMD 3K CHM 1% 16W 0805		Digi-Key Digi-Key Digi-Key	P3.0KCCT-ND P3.0KCCT-ND P3.0KCCT-ND						
	20K 20K 70K	FR MENEZODZY	817 VSU1	BES SMD 20K OHM 1% 10W 0805	1	Digi-Key Digi-Key	P20.0KCCT-ND P20.0KCCT-ND P30.0KCCT-ND P6.20KCCT-ND						
	6.2K 6.2K 6.2K	FIR MENETONOV ERJSENFG201V ERJSENFG201V FIR MENEWOOTV	R15 VSU1 R15 VSU2 R15 VSU2	BIFF, RMD STAL CHAM 1%, 130M CROW RES SWD 6.2K OHM 1% 130M CROS RES SWD 6.2K OHM 1% 130M CROS BIFF, RMD 6.2K OHM 1% 130M CROS RES SWD 1K OHM 1% 130M CROS RES SWD 1K OHM 1% 130M CROS		Dini-Key Digi-Key Digi-Key Dini-Key	PE29KCCT-ND PE29KCCT-ND PE29KCCT-ND						
	1K 1K	ERJSENF1001V ERJSENF1001V ERJSENF1001V	R19 9501		1	Digi-Key Digi-Key Digi-Key	P1.00KCCT-ND P1.00KCCT-ND P1.00KCCT-NP						
	SMD Test Point	5019	TP1_VSU1	RES SMD 1K OHM 1% NW OBDS RES SMD 1K OHM 1% NW OBDS Phosphor Bronze Contact Ministers Silver Plated Serface Mount Test Points Phosphor Bronze Contact Ministers Silver	1	Digi-Key	36-5019CT-ND						
1	SMD Test Point SMD Test Point	5019	TP1_VSU2	Phosphor Bronze Contact Ministure Silver Bitated Karlane Mount Text Brisins Phosphor Bronze Contact Ministure Silver Plated Surface Mount Text Points Phosphor Bronze Contact Ministure Silver Bitated Surface Mount Text Brisins		Digi-Key Digi-Key	36-5019CT-ND 36-5019CT-ND						
	SMD Test Point	5019	TP2_VSU1	Phosphor Bronze Contact Ministure Silver Blated Sorters Mount Test Brints	- 1	Digi-Key	36-5019CT-ND						
-	SMD Test Point SMD Test Point	5015	TP2_VSU2	Photost Surface Mount Test Drints Phosphor Bronze Contact Ministure Silver Ploted Surface Mount Test Points Phosphor Bronze Contact Ministure Silver	1	Digi-Key Digi-Key	36-5019CT-ND 36-5019CT-ND						
	SMD Test Point	5019	TP3_VSU1	Phosphor Bronze Contact Ministure Silver	-	Digi-Key	36-5019CT-ND						
-	SMD Test Point	5015	TP3_VSU2	Phosphor Bronze Contact Ministers Silver Plated Surface Mount Test Points Phosphor Bronze Contact Ministers Silver Blated Surface Mount Test Phinise Phosphor Bronze Contact Ministers Silver Phosphor Bronze Contact Ministers Silver Phosphor Bronze Contact Ministers Silver Phosphor Bronze Contact Ministers Silver Phosphor Bronze Contact Ministers Silver	1	Digi-Key	36-5019CT-ND						
	SMD Test Point SMD Test Point	5019	TP3_VSU3	Distant Restans Mount Test Drints Phosphor Bronze Contact Ministers Silver Plated Surface Mount Test Drints	1	Digi-Key Digi-Key	36-5019CT-ND 36-5019CT-ND						
	SMD Test Point	5011		Plated Surface Mount Test Points	- 1	Digi-Key	36-5019CT-ND						
1	SMD Test Point SMD Test Point	5015		Phosphor Bronze Contact Ministure Silver Blated Rankows Mount Test Braints Phosphor Bronze Contact Ministure Silver Blated Rankows Mount Yest Braints	1	Digi-Key Digi-Key	36-5019CT-ND 36-5019CT-ND						
	CAN. MCP2551 ADC. TLV2556	MCP2551-E/SN TLV2556DW	U1 U2	Phosphor Bronze Contact Ministure Silver Plated Surface Mount Test Points IC. TRANSCENER, CAN. SMD, 850IC IC SERIAL ADC 12-8/T 5V 20-50IC	1	Digi-Key Digi-Key Digi-Key	MCP2551-E/SN-ND 296-12502-5-ND						
	OsArro, LT1677 OsArro, LT1677 OsArro, LT1677	LT1677/S8#TRPBF LT1677/S8#TRPBF LT1677/S8#TRPBF	US VSUS US VSUS	IC SERNAL ADC 12-BIT 5V 20-SOIC IC OPAMP GP 7-28H-Z RRO 8SO IC OPAMP GP 7-28H-Z RRO 8SO IC OPAMP GP 7-28H-Z RRO 8SO	1	Digi-Key Digi-Key Digi-Key	296-12502-5-ND LT16776WTRPBFCT-ND LT16776WTRPBFCT-ND LT16776WTRPBFCT-ND						
Approved		Notes		·	124					5 .	1		
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