



antity	LibRef	Footprint	Designator	Description	Comment
	Component_1	PCBComponent_1	*1		Component_1
· <u></u>				2 Pitch: 5.08 mm	]
2	CON_Phoenix_MST	MSTB 2,5/2-G-5,08	BATTERY1, rs1	Color: green	PHOENIX
	B_02		1	Contact surface:	]
	1	ļ	<del>                                     </del>	Tin Assembly	1
	2 001624-1	ED DAD TU		Aluminum	
		FP-RAD-TH-	L-0 -4	Electrolytic	E04401470
		D_16_0_5-L_25_2- MFG	c3, c4	Capacitors (Radial	ECA1CM472
				Lead Type) 4700uF	
				±20% 16V	
	CMP-1665-00042-2	CAPPR65-350- 1150X800X1250	C1	Aluminum	
				Electrolytic	100UF
1				Capacitor, 100 uF,	
				+/- 20%, 50 V, -40	
				to 85 degC, 2-Pin	
				THD, RoHS, Bulk	
			C2	Aluminum	
				Electrolytic	]
		CAPPR65-350-		Capacitor, 100 uF,	1000UF
		1150X800X1250		+/- 20%, 50 V, -40	1.2000.
2				to 85 degC, 2-Pin	]
				THD, RoHS, Bulk	
				Capacitor	
	Cap Semi	RB.1/.3	C5, C6	(Semiconductor	33PF
				SIM Model)	
	ANTENNA	SMA-Right	CN1	1	ANTENNA
	1	, ,		Oters deed D	
		ONSC- AXIAL_LEAD-2-59- 10_P	D1, D3, D4	Standard Recovery	]
	CMP-0902-00147-1			Rectifier, 2-Pin	1N4007RLG
`	1		',, -'	Axial_Lead, Pb-	
				Free, Tape and Reel	
	†		<del> </del>	Through Hole Right	1
	1 CMP-2000-06895-2			Angle DC Power	
				Jack, 2.5 A, 2 mm	]
		CUI-PJ-002A_V	J1		PJ-002A
			1	Center Pin, 3	
			1	Position, -25 to 85	
	I HandarCV4	HEADED OVA	10	degC, RoHS, Bulk	HoodorCV4
	Header6X1	HEADER 6X1	J?	Dadial ladicates 400	Header6X1
1	ICMP-17/7-00013-1		L1	Radial Inductor, 100	]
		INDR62-500-		uH, +/- 10%, 0.91 A,	
		1100X850X1100		-55 to 105 degC, 2-	100UH
				Pin THD, RoHS,	]
			<b>.</b>	Bulk	
2	LED 3MM	LED3mm_GRN	pg1, status1	Light Emitting Diode	LED3MM
			İ	3 Pitch: 5.08 mm	]
	CON_Phoenix_MST	MSTB 2,5/3-G-5,08	pir1	Color: green	PHOENIX
	B_03		Pil I	Contact surface:	
				Tin Assembly	
	1	c945	Q1, Q2, Q3	NPN Silicon	I
.3	1				
3	C945	c945	Q1, Q2, Q3	Epitaxial Planar	C945
	3 C945	c945	Q1, Q2, Q3		C945
			Q1, Q2, Q3 R1, R4, R5, R8,	Epitaxial Planar Transistor	
	3 C945 6 Res1	c945 AXIAL-0.3		Epitaxial Planar	C945 Res1
(			R1, R4, R5, R8,	Epitaxial Planar Transistor	
6	6 Res1	AXIAL-0.3	R1, R4, R5, R8, R9, R10	Epitaxial Planar Transistor	Res1
2	Res1 Resistor SMD Resistor SMD	AXIAL-0.3 1206 Resistor	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12	Epitaxial Planar Transistor	Resistor SMD Resistor SMD
2	Res1 Resistor SMD	AXIAL-0.3 1206 Resistor 1812 Resistor Relay	R1, R4, R5, R8, R9, R10 R6, R7	Epitaxial Planar Transistor Resistor	Res1 Resistor SMD
2	Res1 Resistor SMD Resistor SMD	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1	Epitaxial Planar Transistor Resistor Relay_SPDT POWER NEEDLE	Res1 Resistor SMD Resistor SMD Relay
2	6 Res1 2 Resistor SMD 2 Resistor SMD RELAY General Header 4	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12	Epitaxial Planar Transistor Resistor	Resistor SMD Resistor SMD
2	Ress1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618-	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K-	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1	Epitaxial Planar Transistor Resistor Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE	Res1 Resistor SMD Resistor SMD Relay Header 4
2	6 Res1 2 Resistor SMD 2 Resistor SMD RELAY General Header 4	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1	Epitaxial Planar Transistor Resistor Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A	Res1 Resistor SMD Resistor SMD Relay
2	Ress1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618-	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K-	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1	Epitaxial Planar Transistor Resistor Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V	Res1 Resistor SMD Resistor SMD Relay Header 4
( ) ( )	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K- MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1	Epitaxial Planar Transistor Resistor Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K
(	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K- MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1	Epitaxial Planar Transistor Resistor Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green	Res1 Resistor SMD Resistor SMD Relay Header 4
(	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K- MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1	Epitaxial Planar Transistor Resistor Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface:	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST B_02	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K- MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1 reset1	Epitaxial Planar Transistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K ALARM
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K- MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1	Epitaxial Planar Transistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly IC REG BUCK ADJ	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST B_02	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K- MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1 reset1	Epitaxial Planar Transistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly IC REG BUCK ADJ 3A TO220-5	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K ALARM
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST B_02	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K- MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1 reset1	Epitaxial Planar Transistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly IC REG BUCK ADJ 3A TO220-5 8-bit AVR	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K ALARM
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST B_02	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K- MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1 reset1	Epitaxial Planar Transistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly IC REG BUCK ADJ 3A TO220-5 8-bit AVR Mcrocontroller, 4.5-	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K ALARM
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST B_02	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K- MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1 reset1	Epitaxial Planar Transistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly IC REG BUCK ADJ 3A TO220-5 8-bit AVR Microcontroller, 4.5- 5.5V, 16KB Flash,	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K ALARM
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST B_02 CMP-0069-01993-4	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K-MFG MSTB 2,5/2-G-5,08 FP-KC0005A-MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1 reset1	Epitaxial Planar Transistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly IC REG BUCK ADJ 3A TO220-5 8-bit AVR Microcontroller, 4.5-5.5V, 16KB Flash, 512 Bytes	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K ALARM LM2576
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST B_02	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K-MFG MSTB 2,5/2-G-5,08 FP-KC0005A-MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1 reset1	Epitaxial Planar Transistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly IC REG BUCK ADJ 3A TO220-5 8-bit AVR Microcontroller, 4.5- 5.5V, 16KB Flash, 512 Bytes EEPROM, 1KB	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K ALARM
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST B_02 CMP-0069-01993-4	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K-MFG MSTB 2,5/2-G-5,08 FP-KC0005A-MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1 reset1	Epitaxial Planar Transistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly IC REG BUCK ADJ 3A TO220-5 8-bit AVR Microcontroller, 4.5-5.5V, 16KB Flash, 512 Bytes	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K  ALARM  LM2576
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST B_02 CMP-0069-01993-4	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K-MFG MSTB 2,5/2-G-5,08 FP-KC0005A-MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1 reset1	Epitaxial Planar Transistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly IC REG BUCK ADJ 3A TO220-5 8-bit AVR Microcontroller, 4.5- 5.5V, 16KB Flash, 512 Bytes EEPROM, 1KB SRAM, 44-pin TQFP, Industrial	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K ALARM LM2576
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST B_02 CMP-0069-01993-4	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K-MFG MSTB 2,5/2-G-5,08 FP-KC0005A-MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1 reset1	Epitaxial Planar Transistor  Resistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly IC REG BUCK ADJ 3A TO220-5 8-bit AVR Microcontroller, 4.5- 5.5V, 16KB Flash, 512 Bytes EEPROM, 1KB SRAM, 44-pin	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K  ALARM  LM2576
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST B_02 CMP-0069-01993-4	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K-MFG MSTB 2,5/2-G-5,08 FP-KC0005A-MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1 reset1	Epitaxial Planar Transistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly IC REG BUCK ADJ 3A TO220-5 8-bit AVR Microcontroller, 4.5- 5.5V, 16KB Flash, 512 Bytes EEPROM, 1KB SRAM, 44-pin TQFP, Industrial	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K  ALARM  LM2576
	Res1 Resistor SMD Resistor SMD RELAY General Header 4 CMP-05618- 000085-1 CON_Phoenix_MST B_02 CMP-0069-01993-4	AXIAL-0.3 1206 Resistor 1812 Resistor Relay 15.40x12.10x13.10 HDR1X4 FP-EVQ-PAE09K-MFG MSTB 2,5/2-G-5,08 FP-KC0005A-MFG	R1, R4, R5, R8, R9, R10 R6, R7 R11, R12 RELAY1 REMOTE1 reset1	Epitaxial Planar Transistor  Resistor  Relay_SPDT POWER NEEDLE Header, 4-Pin SWITCH TACTILE SPST-NO 0.02A 15V 2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly IC REG BUCK ADJ 3A TO220-5 8-bit AVR Microcontroller, 4.5- 5.5V, 16KB Flash, 512 Bytes EEPROM, 1KB SRAM, 44-pin TQFP, Industrial Grade (-40°C to	Res1 Resistor SMD Resistor SMD Relay Header 4 EVQ-PAE09K  ALARM  LM2576