



## Bill of Materials Toroid soft start

 Source Data From:
 DE-100224.PrjPcb

 Project:
 DE-100224.PrjPcb

 Variant:
 None

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2805   10   10   10   10   10   10   10	nF normal	C0603 EKA000G447C 00 EKA000G347F0 01 01 EKA000A247F0 01 01 EKA00A247F0 01 01 EKA00AA247F0 01 01 01 01 01 01 01 01 01 01 01 01 01		Geramic Chip Capacitor - Standard  22 75/VA Capacitor - Standard  22 75/VA Capacitor - Standard  Auminum Electrolytic Capacitor, Radial Style with Long Leads: 4700/F, 10V  Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 4700/F, 10V  Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 470/F, 35V  Schottky Rectifier  Triacs, Silicon Bidirectional Thyristor, 3-Pin TO-220, Pb-Free, Tube  1.0 Ampere General Purpose Rectifier Schottky Diode Schottky Barrier Diode Schottky Barrier Diode Schottky Barrier Diode Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	1
X2 CAP	nF normal	CAP x2 COB03 EKA00GG447C 00 EKA00D0347F0 00 EKA00A0247F0 01 PS76SB10 10BC0100 ET00BW3G 10BC0100 ET00BW	C2. C3 C4. C7. C8, C10 C5 C6 C9 D1, D2, D3, D6, D6, D7, D10, D20, D21, D22 D4 D8 D9 D11, D12, D16, D17 D13, D14, D16, D19 D15 D23 D24 D25 K1	X2 275/AC capatior Carpaictor - Standard Aluminum Electrolytic Capacitor - Standard Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 4700±f, 10V Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 470±f, 55V Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 470±f, 35V Schottky Barrier Diode Schottky Barrier Diode Schottky Barrier Diode Schottky Barrier Diode Schottky Diode Schottky Diode Schottky Diode Schottky Diode Schottky Diode Blue Surface Mount Chip LED, Blue	,
1,000,000,000,000,000,000,000,000,000,0	000F 000F 000F 000F 000F 000F 000F 000	COBO3 EKAOOGG447C O0 EKAOOGG447C O1 O0 EKAOOGG447C O1	C4, C7, C8, C10 C5 C6 C9 D1, D2, D3, D5, D6, D7, D10, D20, D21, D22 D4 D8 D9 D11, D12, D16, D17 D13, D14, D16, D17 D15 D23 D24 D25 K1	Ceramic Chip Capacitor - Standard Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 4700LF, 10V Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 470LF, 35V Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 470LF, 35V Schottky Rectifier Triacs, Silicon Bidirectional Thyristor, 3-Pin TO-220, Pb-Free, Tube 10. Ampere General Purpose Rectifier Schottky Biode Schottky Diode Schottky Diode Schottky Diode Schottky Diode Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
CAPPRS - 47(13025) CAPPRS - 47(13025) CAPPRS - 47(10016) CAPPRS - 100016 CAPPRS - 100016 SMB - 20 CAPPRS - 100016 SMS - 20 CAPPRS - 100016 CAPPRS -	00F 00F 100F 100F 1012V 1A16-600 108V2 14001 130B 1303 1303 130B 1307 140C 150B 150B 150B 150B 150B 150B 150B 150B	EKA00GG447C 00 EKA00A247F0 0 EKA00A247F0 0 0 1PS76SB10 109C100 BTA08- 600BW3G 11N4003 0 Schottky 0 Schottky 11PS76SB10 HSMB-C190 HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 Header 2	CS C6 C9 D1, D2, D3, D6, D6, D7, D10, D20, D21, D22 D4 DB D9 D9 D11, D12, D16, D17 D13, D14, D18, D19 D15 D23 D24 D25 K1	Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 4700±f, 10V Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 470±f, 55V Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 470±f, 55V Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 470±f, 35V Schottky Barrier Diode Schottky Barrier Diode Schottky Barrier Diode Schottky Barrier Diode Schottky Diode Schottk	,
13025 CAPPRS- 10016 CAPPRS- 10016 CAPPRS- 10016 SM1 SMB D2 CONSC-TO- BT 2203-221A- 07 D0-41 D0-4	100F 100F 141148 112V 17A16-600 18V2 144001 18V2 144001 18V3 18V3 18V3 18V3 18V3 18V3 18V3 18V	EKA0000347F0 0 EKA00A0247F0 0 EKA00A0247F0 0 1PS76SB10 108C0100 BTA08- 6008W3G 1N4003 0 Schottky 0 Schottky 1PS76SB10 HSMB-C190 HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 Header 2	C9 D1, D2, D3, D6, D6, D7, D10, D20, D21, D22 D4 D8 D9 D11, D12, D16, D17 D13, D14, D18, D19 D15 D23 D24 D25 K1	Aluminum Electrolytic Capacitor, Radial Sylve with Long Leads: 470µF, 55V Aluminum Electrolytic Capacitor, Radial Sylve with Long Leads: 470µF, 35V Schottky Barrier Diode Schottky Rectifier Triaces, Silicon Bidirectional Thyristor, 3-Pin TO-220, Pb-Free, Tube 1.0 Ampere General Purpose Rectifier Schottky Diode Blue Surface Mount Chip LED, Blue	,
100/16 CAPPR2-	100F 144148 1012V 1A16-600 108V2 144001 13GB 1303V3 13UC, TEMP_E 10OR 1AFO_TEMP_ 1RFO_W 1AFO_TEMP_ 2ESF 10MEKTOR 4 1ANA 1C10IK	0 EKA00AA247F0 0 1PS76SB10 10BQ100 BTA08- 600BW3G 1NM4003 D Schottky 1PS76SB10 Schottky 1PS76SB10 HSMB-C190 HSMB-C190 HSMB-C190 HFMB-C190 HFMB-C19	C9 D1, D2, D3, D6, D6, D7, D10, D20, D21, D22 D4 D8 D9 D11, D12, D16, D17 D13, D14, D18, D19 D15 D23 D24 D25 K1	Syle with Long Leads: 470LF, 35V Aluminum Electrolytic Capacitor, Radial Syle with Long Leads: 47uF, 35V Schottky Barrier Diode Schottky Rectifier Triacs, Silicon Bidirectional Thyristor, 3-Pin TO-220, Pb-Free, Tube 10 Aupres General Purpose Rectifier Schottky Diode Schottky Diode Schottky Diode Schottky Diode Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	,
CAPPR2- 100 CAPPR2	MATERIA PROPERTY AND A CONTRACT OF THE PROPERTY AND A CONTRACT PROPERTY AND A CONTRACT AND A CONTRACT AND A CONTRACT A CO	EKA00AA247F0 0 1PS76SB10 1PS76SB10 10BQ100 BTA09- 600BW3G 1N4003 D Schottky D Schottky 1PS76SB10 HSMB-C190 HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 PINA Header 2 TERMINAL	D1, D2, D3, D6, D6, D7, D10, D20, D21, D22 D4 D8 D9 D11, D12, D16, D17 D13, D14, D18, D19 D15 D23 D24 D25 K1	Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 470F, 35V Schottky Barrier Diode Schottky Rectifier Triacs, Silicon Bidirectional Thyristor, 3-Pin TiO-220, Pb-Free, Tube 1.0 Ampere General Purpose Rectifier Schottky Diode Schottky Diode Schottky Diode Schottky Diode Schottky Diode Schottky Diode Schottky Diode Schottky Diode Schottky Diode Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	,
5011 SMB COD323 IN SMB CO CONSC-TO- BT- 220-3-221A- CF CF CO CF	14148  1012V  TA16-600  108V2  144001  163B  103V3  1040C  1040C  1050C	0 1PS76SB10 1DBQ100 BTA08- 600BW3G 1N4003 D Schottky D Schottky D Schottky HSMB-C190 HSMB-C190 HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 PINA Header 2 TERMINAL	D1, D2, D3, D6, D6, D7, D10, D20, D21, D22 D4 D8 D9 D11, D12, D16, D17 D13, D14, D18, D19 D15 D23 D24 D25 K1	Style with Long Leads: 470F, 35V Schottky Rectifier Triacs, Silicon Bidfrectional Thyristor, 3-Pin TO-220, Pb-Free, Tube To-220, Pb-Free, Tube Schottky Biode Schottky Diode Schottky Diode Schottky Diode Schottky Diode Schottky Diode Bule Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	,
SOD323 INN 2000 SONS CTD-	1012V 17A16-600  108V2 144001 13GB 13W3 13W3 14MC_TEMP_E ROR ROR RAFO_TEMP_ RAFO_VOLTA E_ERROR 1AFO_TOLTA E_ERROR E_ERROR 1AFO_TOLTA E_ERROR E_ERROR 1AFO_TOLTA E_ERROR E_	1PS76SB10  10BQ100 BTA08- BTA0	D22 D4 D8 D9 D9 D11, D12, D16, D17 D13, D14, D18, D19 D15 D23 D24 K1	Schottky Barrier Diode  Schottky Rectifier Triaces, Silicon Bidirectional Thyristor, 3-Pin Trio-22, Drb-Free, Tube  1.0 Ampere General Purpose Rectifier Schottky Diode Schottky Diode Schottky Diode Schottky Diode Schottky Diode Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	,
SMB CONSCTO- BT CO	112V TA16-600 D8V2 M001 JGB JSB JSV3 TAIAC, TEMP_E TAIFO, TEMP_E TAIFO, TEMP_E TAIFO, TOLITA E ERROR TAIFO, TOLITA E ERROR TAIFO, TOLITA E ATTRAFO	10BQ100 BTA08- 600BW3G 1N4003 D Schottky D Schottky D Schottky HSMB-C190 HSMB-C190 HSMB-C190 HSMB-C190 HSMB-C190 HSMB-C190 HSMB-C190 HSMB-C190 HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 PINA Header 2 TERMINAL	D22 D4 D8 D9 D9 D11, D12, D16, D17 D13, D14, D18, D19 D15 D23 D24 K1	Schottky Rectifier Triacs, Silicon Bidirectional Thyristor, 3-Pin TO-220, Pb-Free, Tube To-220, Pb-Free, Tube Schottky Diode Schottky Diode Schottky Diode Schottky Diode Blue Surface Mount Chip LED, Blue	
ONS-CTD - BT - 220-3-221A - 7	TA16-600  DBV2  J4001  JGB  JA102  JA	10BQ100 BTA09- 600BW3G 1N4003 D Schottky D Schottky 1PS76SB10 HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 PINA Header 2 TERMINAL	D4 D8 D9 D9 D1, D12, D16, D17 D13, D14, D19, D19 D15 D23 D24 D25 K1	Triacs, Silicon Bidirectional Thyristor, 3-Pin TO-220, Pb-Free, Two To-220, Pb-Free, Two To-220, Pb-Free, Two To-220, Pb-Free, Two To-220, Pb-Free	
220-3-221A- 07 DO-41 DD-41 DD-41 SMB	D8V2  44001 3GB 33V3 AIAC_TEMP_E TORM TEMP_E TROP TAFO_TOLTA E_ERROR TEMP_TROP DNEKTOR 4 NA TC10K	600BW3G  1N4003 D Schottky D Schottky 1PS76SB10 HSMB-C190 HSMB-C190 HSMB-C190 HFSMB-C190 HFSMB-C190 HF25F KONEKTOR 4 PINA Header 2 TERMINAL	D9 D11, D12, D16, D17 D13, D14, D18, D19 D15 D23 D24 D25 K1	Triacs, Silicon Bidirectional Thyristor, 3-Pin TO-220, Pb-Free, Two To-220, Pb-Free, Two To-220, Pb-Free, Two To-220, Pb-Free, Two To-220, Pb-Free	
220-3-221A- 07 DO-41 DD-41 DD-41 SMB	DBV2 14001 13GB 13CV 13CV 13CV 13CV 14CV 14CV 15CV 14CV 15CV 14CV 15CV 14CV 14CV 14CV 14CV 14CV 14CV 14CV 14	1N4003 D Schottky D Schottky 1PS76SB10 HSMB-C190 HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 PINA Header 2 TERMINAL	D11, D12, D16, D17 D13, D14, D18, D19 D15 D23 D24 D25 K1	TO-220, Pb-Free, Tube  1.0 Ampere General Purpose Rectifier Schottky Diode Schottky Diode Schottky Diode Schottky Diode Schottky Diode Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
DO-41 2D SMB 3N SMB 33 SSOD323 1.650.80.8 1R RR 1.650.80.8 RR 1.650.80.8 RR HF25F GOREKTOR 4P INA HDR132 TERMINAL BLOK 3 TERMINAL BLOK 2 PINA KONEKTOR PV Z PINA KONEKTOR PV Z PINA	J4001 JGB J3V3 RIAC_TEMP_E ROR AAFO_TEMP_ RROR LAFO_VOLTA E_ERROR PONEKTOR 4 NA IC10K	D Schottky D Schottky TPS76SB10 HSMB-C190 HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 PINA PINA TERMINAL	D11, D12, D16, D17 D13, D14, D18, D19 D15 D23 D24 D25 K1	Schottky Diode Schottky Diode Schottky Barrier Diode Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
SMB SNB SNB SNB SNB SOD323 ZD SNB	J4001 JGB J3V3 RIAC_TEMP_E ROR AAFO_TEMP_ RROR LAFO_VOLTA E_ERROR PONEKTOR 4 NA IC10K	D Schottky D Schottky TPS76SB10 HSMB-C190 HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 PINA PINA TERMINAL	D11, D12, D16, D17 D13, D14, D18, D19 D15 D23 D24 D25 K1	Schottky Diode Schottky Diode Schottky Barrier Diode Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
SMB S3 SOD323 1.6X0.8X0.8 TR 1.6X0.8X0.8 TR 1.6X0.8X0.8 GE HF25F KONEKTOR 4 PINA HDR1X2 TERMINAL BLOK 3 BLOK 2 KONEKTOR 4 KONEKTOR PV 2 PINA KONEKTOR PV 2 PINA	3GB 33V3 3V3 3V4 3LAC_TEMP_E ROR ROR ROR RAFO_VOLTA E_ERROR 225F DNEKTOR 4 NA IC10K	D Schottky 1PS76SB10 HSMB-C190 HSMB-C190 HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 PINA Header 2 TERMINAL	D13, D14, D18, D19 D15 D23 D24 D25 K1	Schottky Diode Schottky Barrier Diode Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
SOD323 2D. 1.6XD.8XD.8 RR 1.6XD.8 RR 1.6X	J3V3 ALAC_TEMP_E ROR RAFO_TEMP_ RROR ALAFO_VOLTA E_ERROR F25F DNEKTOR 4 NA IC10K	1PS76SB10 HSMB-C190 HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 PINA Header 2 TERMINAL	D15 D23 D24 D25 K1	Schottky Barrier Diode Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
1.6X0.8X0.8 RR 1.6X0.8X0.8 TR ER 1.6X0.8X0.8 TR ER 1.6X0.8X0.8 TR GE HF25F KONEKTOR 4 PINA HDR1X2 TERMINAL BLOK 3 TERMINAL BLOK 2 KONEKTOR 2 PINA KONEKTOR PV 2 PINA	RIAC_TEMP_E ROR AAFO_TEMP_ RROR RAFO_VOLTAERROR P25F DNEKTOR 4 NA IC10K	HSMB-C190 HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 PINA Header 2 TERMINAL	D23 D24 D25 K1	Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
1.6XD.8XD.8 RR 1.6XD.8XD.8 ER ER 1.6XD.8XD.8 GE HF25F KONEKTOR HC 1.6XD.8XD.8 HF KONEKTOR HC 2 PINA KONEKTOR PV 2 PINA KONEKTOR PV 2 PINA KONEKTOR PV 2 PINA	ROR RAFO_TEMP_ RROR RAFO_VOLTA E_ERROR F25F DNEKTOR 4 NA IC10K	HSMB-C190 HSMB-C190 HF25F KONEKTOR 4 PINA Header 2 TERMINAL	D24 D25 K1	Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
1.6X0.8X0.8 R. E.	RAFO_TEMP_ RROR RAFO_VOLTA E_ERROR 225F DNEKTOR 4 NA IC10K	HSMB-C190 HF25F KONEKTOR 4 PINA Header 2 TERMINAL	D25 K1	Blue Surface Mount Chip LED, Blue	
1.6XD.8XD.8 ER HF25F GE KONEKTOR 44 PINA HDR132 TERMINAL BLOK 2 BLOK 3 TERMINAL BLOK 2 PINA KONEKTOR HE 2 PINA KONEKTOR PV 2 PINA	RROR RAFO_VOLTA E_ERROR F25F DNEKTOR 4 NA IC10K	HSMB-C190 HF25F KONEKTOR 4 PINA Header 2 TERMINAL	D25 K1	Blue Surface Mount Chip LED, Blue	
HF25F HF KONEKTOR K 4 PINA PIN HDR13/2 NT TERMINAL BLOK 3 TERMINAL BLOK 2 KONEKTOR 2 PINA KONEKTOR PV 2 PINA	E_ERROR F25F DNEKTOR 4 NA FC10K  EAT_TRAFO	HF25F KONEKTOR 4 PINA Header 2 TERMINAL	K1		
HF25F HF KONEKTOR KC 4 PINA PIN HDR1/32 TERMINAL BLOK 3 TERMINAL BLOK 2 KONEKTOR L 2 PINA KONEKTOR PV 2 PINA	F25F DNEKTOR 4 NA IC10K  EAT_TRAFO	KONEKTOR 4 PINA Header 2 TERMINAL		DCB relay 250VAC/20A 20VDC/16A	
KONEKTOR KC 4 PINA PIN HDR11/2 NT TERMINAL BLOK 3 TERMINAL BLOK 2 KONEKTOR HE 2 PINA KONEKTOR PVI	DNEKTOR 4 NA IC10K  EAT_TRAFO	KONEKTOR 4 PINA Header 2 TERMINAL		DCB rolay 250\/AC/20A 20\/DC/16A	
4 PINA PIN HDR1X2 NT TERMINAL BLOK 3 TERMINAL BLOK 2 KONEKTOR HE 2 PINA KONEKTOR PVI	NA FC10K EAT_TRAFO	PINA Header 2 TERMINAL	P1		
HDR1X2 NT TERMINAL BLOK 3 TERMINAL BLOK 2 KONEKTOR HE 2 PINA PW 2 PINA	TC10K  EAT_TRAFO	Header 2 TERMINAL		Razdvojivi konektor 4 pina	
TERMINAL BLOK 3 TERMINAL BLOK 2 KONEKTOR HE 2 PINA KONEKTOR PV 2 PINA	EAT_TRAFO	TERMINAL	P2. P6	Header, 2-Pin	
BLOK 3 TERMINAL BLOK 2 KONEKTOR HE 2 PINA KONEKTOR PV 2 PINA	EAT_TRAFO		P2, P6	3 pinski terminal blok konektor	
BLOK 2 KONEKTOR HE 2 PINA KONEKTOR PV 2 PINA	EAT_TRAFO		1.5	5 piliski terriiriai blok koriektor	
BLOK 2 KONEKTOR HE 2 PINA KONEKTOR PV 2 PINA	EAT_TRAFO	TERMINAL	P4, P5	Terminal blok konektor 3,5 mm	
2 PINA KONEKTOR PV 2 PINA		BLOK 2	, .		
KONEKTOR PV 2 PINA			P7	Razdvojivi konetor 2 pina	
2 PINA		PINA			
2 PINA SOT23_N MN		KONEKTOR 2	P8	Razdvojivi konetor 2 pina	
SOT23_N IMN		PINA		4	
ERA-0603 1K	MBT2222A		Q1 R1, R15, R28, R29, R31, R36	NPN General-purpose Transistor Metal Film Thermosensitive Chip Resistor,	
EKA-0003	`	ERAV	K1, K15, K26, K29, K51, K56	0.56 Ohm to 10k Ohm Range, 5%	
				Tolerance, 0603 Size, 0.063 W	
ERA-0603 3K	(9	ERAV	R2	Metal Film Thermosensitive Chip Resistor,	
				0.56 Ohm to 10k Ohm Range, 5%	
				Tolerance, 0603 Size, 0.063 W	
ERA-0603 39H	IK .	ERAV	R3, R12	Metal Film Thermosensitive Chip Resistor,	
				0.56 Ohm to 10k Ohm Range, 5%	
FRA-0805 188	W	ERAS	R4, R5, R6, R8, R9, R10	Tolerance, 0603 Size, 0.063 W	
ERA-0003	ir.	ERAS	K4, K5, K6, K6, K9, K10	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5%	
				Tolerance, 0805 Size, 0.1 W	
ERA-0603 1K	(2	ERAV	R7	Metal Film Thermosensitive Chip Resistor.	
	_			0.56 Ohm to 10k Ohm Range, 5%	
				Tolerance, 0603 Size, 0.063 W	
ERA-0603 2K	(2	ERAV	R11, R16	Metal Film Thermosensitive Chip Resistor,	
				0.56 Ohm to 10k Ohm Range, 5%	
ERA-0603 10H	w .	ERAV	R13, R14, R26, R27, R34	Tolerance, 0603 Size, 0.063 W Metal Film Thermosensitive Chip Resistor,	
ERA-0003	ir.	ERAV	K13, K14, K20, K27, K34	0.56 Ohm to 10k Ohm Range, 5%	
				Tolerance, 0603 Size, 0.063 W	
ERA-0603 NF	=	ERAV	R17, R30, R39	Metal Film Thermosensitive Chip Resistor.	
				0.56 Ohm to 10k Ohm Range, 5%	
				Tolerance, 0603 Size, 0.063 W	
ERA-0603 220	10K	ERAV	R18, R32	Metal Film Thermosensitive Chip Resistor,	
				0.56 Ohm to 10k Ohm Range, 5%	
ERA-0805 220	10R	ERAS	R19, R20, R21, R22	Tolerance, 0603 Size, 0.063 W Metal Film Thermosensitive Chip Resistor,	
ERA-0805 220	UK	ERAS	R19, R20, R21, R22	0.56 Ohm to 10k Ohm Range, 5%	
1				Tolerance, 0805 Size, 0.1 W	
ERA-0603 180	IOR	ERAV	R23	Metal Film Thermosensitive Chip Resistor,	
				0.56 Ohm to 10k Ohm Range, 5%	
				Tolerance, 0603 Size, 0.063 W	
		1W100R	R24	Carbon F 1W resistor	
AXIAL-0.3 Re		Res1	R25	Resistor	
ERA-0603 100	IOK	ERAV	R33	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5%	
				Tolerance, 0603 Size, 0.063 W	
ERA-0603 33H	uk'	ERAV	R35	Metal Film Thermosensitive Chip Resistor.	
2101 0000		Liott	100	0.56 Ohm to 10k Ohm Range, 5%	
				Tolerance, 0603 Size, 0.063 W	
ERA-0603 3K	(3	ERAV	R38	Metal Film Thermosensitive Chip Resistor,	
1				0.56 Ohm to 10k Ohm Range, 5%	
				Tolerance, 0603 Size, 0.063 W	
			U1	4-Pin Phototransistor Optocoupler	
M08A_N LM	NJSSWX	LIVI393MX	U2	Low Power Low Offset Voltage Dual	
SO8_N LM	/358AD	I M358AD	U3, U6	Comparator, 8-pin Narrow SOIC Low-Power Dual Operational Amplifier	
DIP6 MC		MOC3081	U4	Zero-Cross Optoisolator Triac Driver	
			U5	Positive Voltage Regulator, 5V, 3-Pin TO-	
				220	
					8
Approved		Notes		_	
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