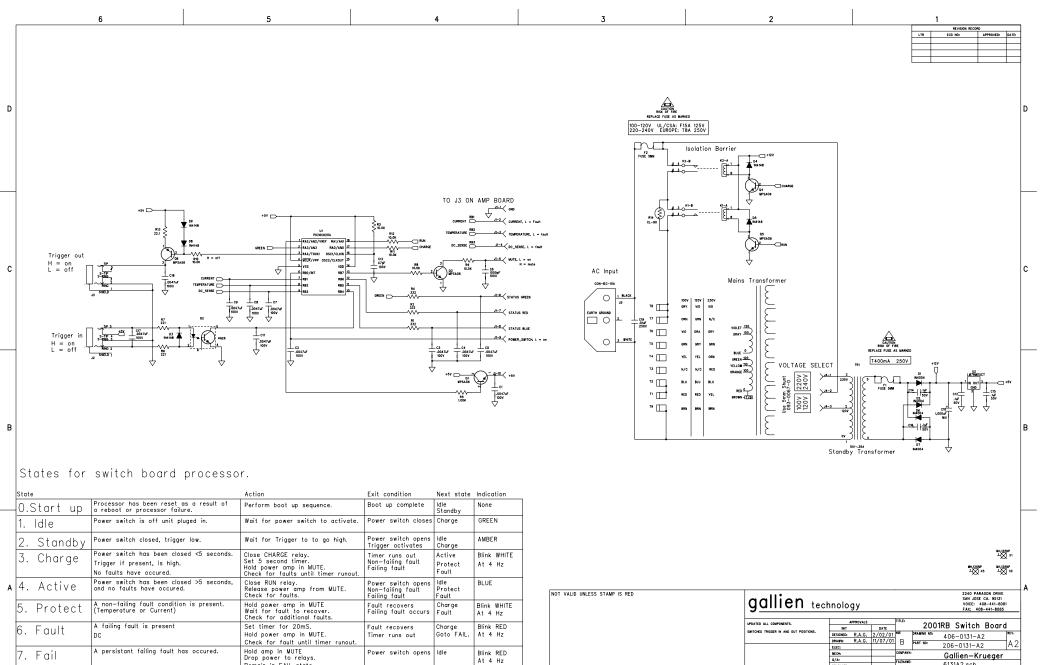




Gallien-Krueger 6131A2.sch



Power switch opens Idle

Remain in FAIL state.

Blink RED

7. Fail

PCB WORK INSTRUCTIONS

420-0131-A1 DWG

NOTES:

UNLESS OTHERWISE SPECIFIED:

- 1. SQUARE PADS ON THRU HOLE PARTS (ie: CONNECTORS, DIPS, SIPS, LEDS) DENOTE PIN 1.
 - 2. ALL BOARDS REQUIRE A COMPLETE AND THOROUGH VISUAL INSPECTION.

 - 3. ALL BOARDS MUST BE BARE BOARD TESTED.

4. ASSEMBLE AND SOLDER PER ANSI/IPC-A-610B.

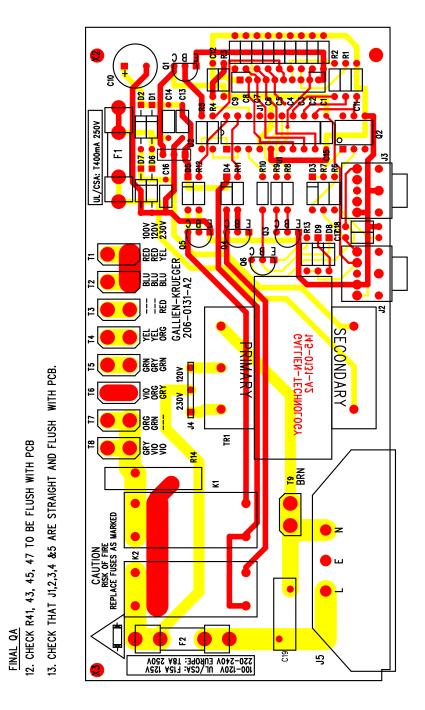
5. U1 MUST BE SOCKETED, DO NOT LOAD IC IF NOT PROGRAMED.

6. GLUE C7 TO J4 WITH SILICON RTV.

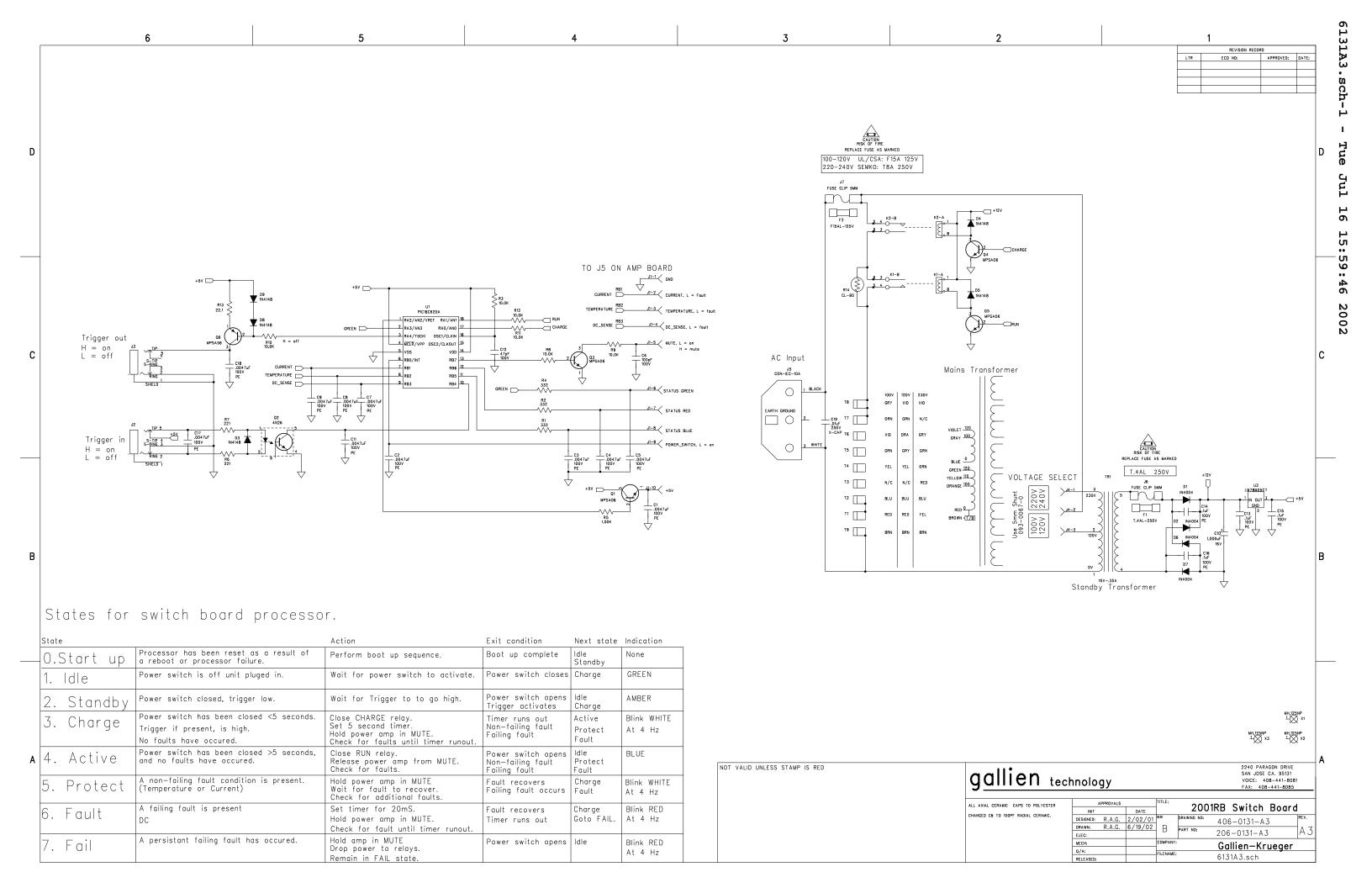
10. FUSE LOADING - F1

FOR 120V MODEL: LOAD FUSE, 5MM, F15A, 125V FOR F2 FOR 230V MODEL: LOAD FUSE, 5MM, T8A, 250V FOR F2

11. GLUE TR1 TO PCB WITH SILICON RTV.



NOT VALID UNLESS STAMP IS RED	gallien technology	technolo	3)	2240 PARAGON DRIVE SAN JOSE CA. 95131 VOICE: 408-441-8081 FAX: 408-441-8085
	APPROVALS		TITLE:	1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	LINI	DATE		ZUUIKB SWITCH BOARA
	DESIGNED: R.A.G.	12/21/00	SIZE DRA	DRAWING NO: $145-0131-\Delta$? REV.
	D A C	10 / 21 / 01		C \
		10/10/01	PAR	PART NO:
	ELEC:		<u>. </u>	405-0131-A2
LAYER DESCRIPTION:	MECH:		COMPANY:	CALLEN-KRIEGER
	GERRER FILE NAME.			ONE CIEIN INIOCOLIN
	sston Bapho	pho	FILENAME:	5131A2.pcb



PCB WORK INSTRUCTIONS DWG 420-0131-A3 NOTES:

UNLESS OTHERWISE SPECIFIED:

- 1. SQUARE PADS ON THRU HOLE PARTS (ie: CONNECTORS, DIPS, SIPS, LEDS) DENOTE PIN 1.
- 2. ALL BOARDS REQUIRE A COMPLETE AND THOROUGH VISUAL INSPECTION.
- 3. ALL BOARDS MUST BE BARE BOARD TESTED.
- 4. ASSEMBLE AND SOLDER PER ANSI/IPC-A-610B.

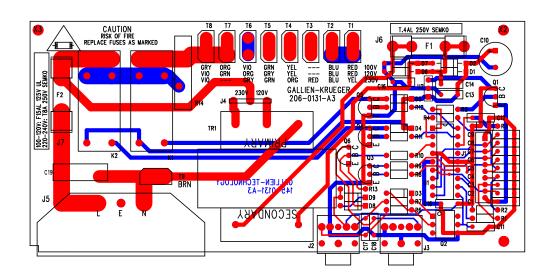
LOADING

- 5. U1 MUST BE SOCKETED, DO NOT LOAD IC IF NOT PROGRAMED.
- 6. GLUE C19 TO J5 WITH SILICON RTV.
- 10. FUSE LOADING F2

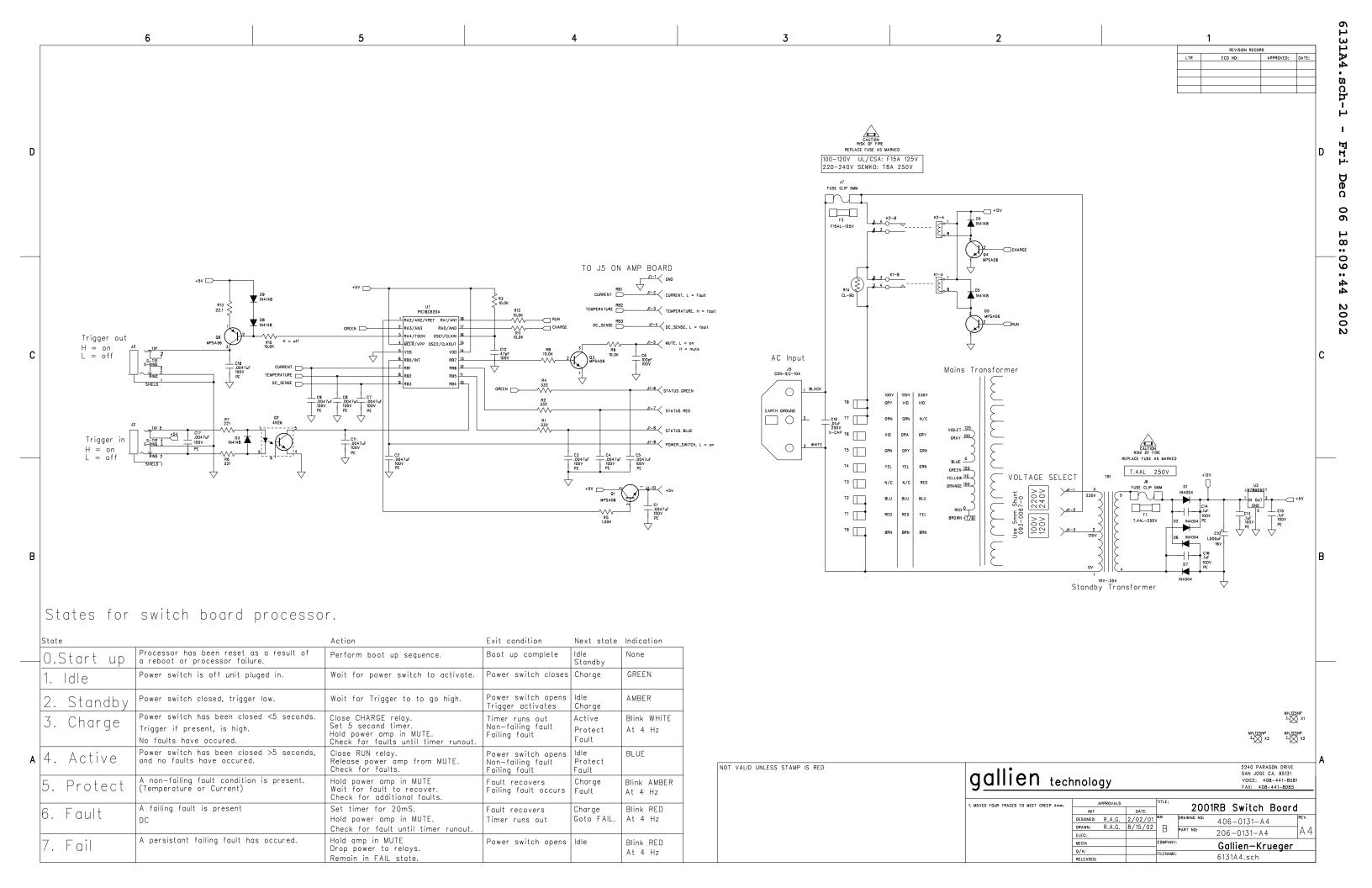
FOR 120V MODEL: LOAD FUSE, 5MM, F15AL, 125V UL FOR F2 FOR 230V MODEL: LOAD FUSE, 5MM, T8AL, 250V SEMKO FOR F2

11. GLUE TR1 TO PCB WITH SILICON RTV.

FINAL QA

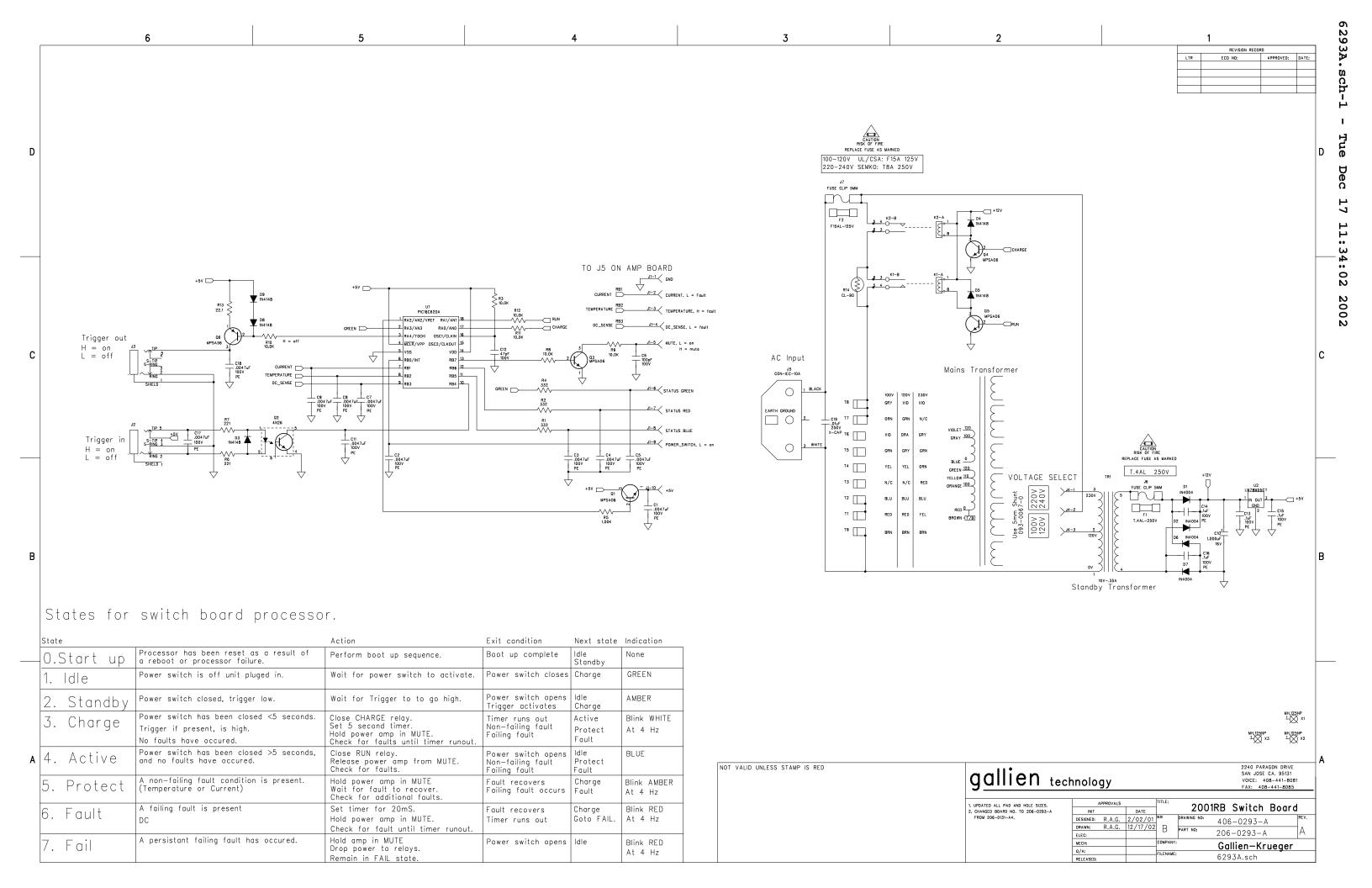


NOT VALID UNLESS STAMP IS RED	ga	llien	technolo	gy		2240 PARAGON DRIVE SAN JOSE CA. 95131 VOICE: 408-441-8081 FAX: 408-441-8085	
		APPROVALS		TITLE:	2001	1RB Switch Board	
		INIT	DATE		200	IND SWITCH BOOKS	
	DESIGNED	R.A.G.	12/21/00	SIZE	DRAWING NO:	145-0131-A3 REV.	
	DRAWN:	R.A.G.	6/19/02	В	PART NO:	/	3
	ELEC:					405-0131-A3	
LAYER DESCRIPTION:	MECH:			COMPA	NY:	GALLIEN-KRUEGER	
BOPTSIDESBIEKBOREENG		FILE NAME:	1	FILENAM	E:		
		sos t 0 12 6 hp	no			5131A3.pcb	





Customer Name:		Gallien-Kı	ruege	er			Current	Rev #:	A0	New EC	O Rev	/#:	A04
Model:		2001RB						ute To:		Page:	1	Of:	1
Assembly Description	n:			switch board			Orig	ginator:	Alvi	n Villa	aflo	<u>c</u>	
Assembly Numbers:		206-0131-	-A		_			ved by:					
							Effectiv	e Date:	8/19	/2002			
		Effective					ocume	nt Upda	te	Dat	e	Init	tials
X All in Process			Next E	•		<u>_</u>	Artwo	rk					
X All in Service		x	Next F	Production Run		<u>_</u>	_	nbly Dwg					
All in Stock					X	=	Board	Artwor	k			RAG	
Beginning Serial Numb					X	<u> </u>	BOM					RAG	
		son For Cha				<u> </u>	Contro	ol Form					
A1-Add RF filte:						<u> </u>	Costin					-	
Change R6,7				1.		<u> </u>	Fab Dr					-	
Change F1 to			F15A		<u> </u>	<u> </u>	· ·	tion Pro					
Change J4 to					X	=		/laster F	ile			RAG	
New primary p					X		Schem					RAG	
A2-Reverse trig						<u>_</u>	Servic	e Manua	al				
A3-Change all a						<u>_</u>	Test F	rocedur	re				
		radial ce	erami	c to eliminate	_ _	_							
slight turn													
A4-Reroute four	_	conda:	ry traces to		Other Affected Assemblies 302-2090-A, 302-0090-A,								
meet creep re						102-0	0090-4	۷,					
Continued on E	CO Supple			30)2	2-109	0-A						
	Desci	ription Of C	hange				Distri	bution		Dat	е	Init	cials
						Accounting							
Replace Rev-A B	OM comp	letely w	ith R	ev-A4 BOM.		Ļ	Assembly						
						<u> </u>	Custor						
Revs-A2 & A3 we		released	to p	roduction so	X	_	Engine	Engineering					
no ECOs were wr	itten.				X	<u>:</u>	Incoming Q.C.						
						<u>_</u>	Plannin	ng					
					X	_	Production Eng.						
					X	<u> </u>	Purcha	asing					
						<u></u>	Q.A.						
					_ _	<u> </u>	Receiv	ing					
						<u>_</u>	Servic	е					
					X	<u>: </u>	Test						
						<u>_</u>	Vendo	r					
						<u> </u>							
						<u> </u>							
Continued on E	CO Supple	ement Page					Drawir	ng(s) att					
Part Number	Desc	ription		Parts Added						s Delete			
			Qty	Ref. Designat	or		Qty			lef. Desig	nator	`	
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			<u> </u>			_	\vdash						
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						_							



PCB WORK INSTRUCTIONS DWG 420-0293-A NOTES:

UNLESS OTHERWISE SPECIFIED:

- 1. SQUARE PADS ON THRU HOLE PARTS (ie: CONNECTORS, DIPS, SIPS, LEDS) DENOTE PIN 1.
- 2. ALL BOARDS REQUIRE A COMPLETE AND THOROUGH VISUAL INSPECTION.
- 3. ALL BOARDS MUST BE BARE BOARD TESTED.
- 4. ASSEMBLE AND SOLDER PER ANSI/IPC-A-610B.

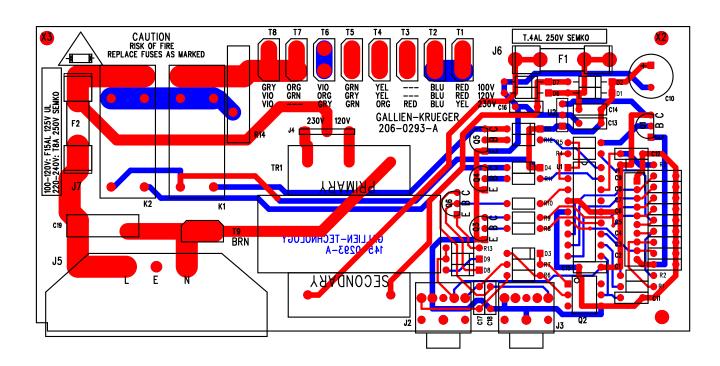
LOADING

- 5. U1 MUST BE SOCKETED, DO NOT LOAD IC IF NOT PROGRAMED.
- 6. GLUE C19 TO J5 WITH SILICON RTV.
- 10. FUSE LOADING F2

FOR 120V MODEL: LOAD FUSE, 5MM, F15AL, 125V UL FOR F2 FOR 230V MODEL: LOAD FUSE, 5MM, T8AL, 250V SEMKO FOR F2

11. GLUE TR1 TO PCB WITH SILICON RTV.

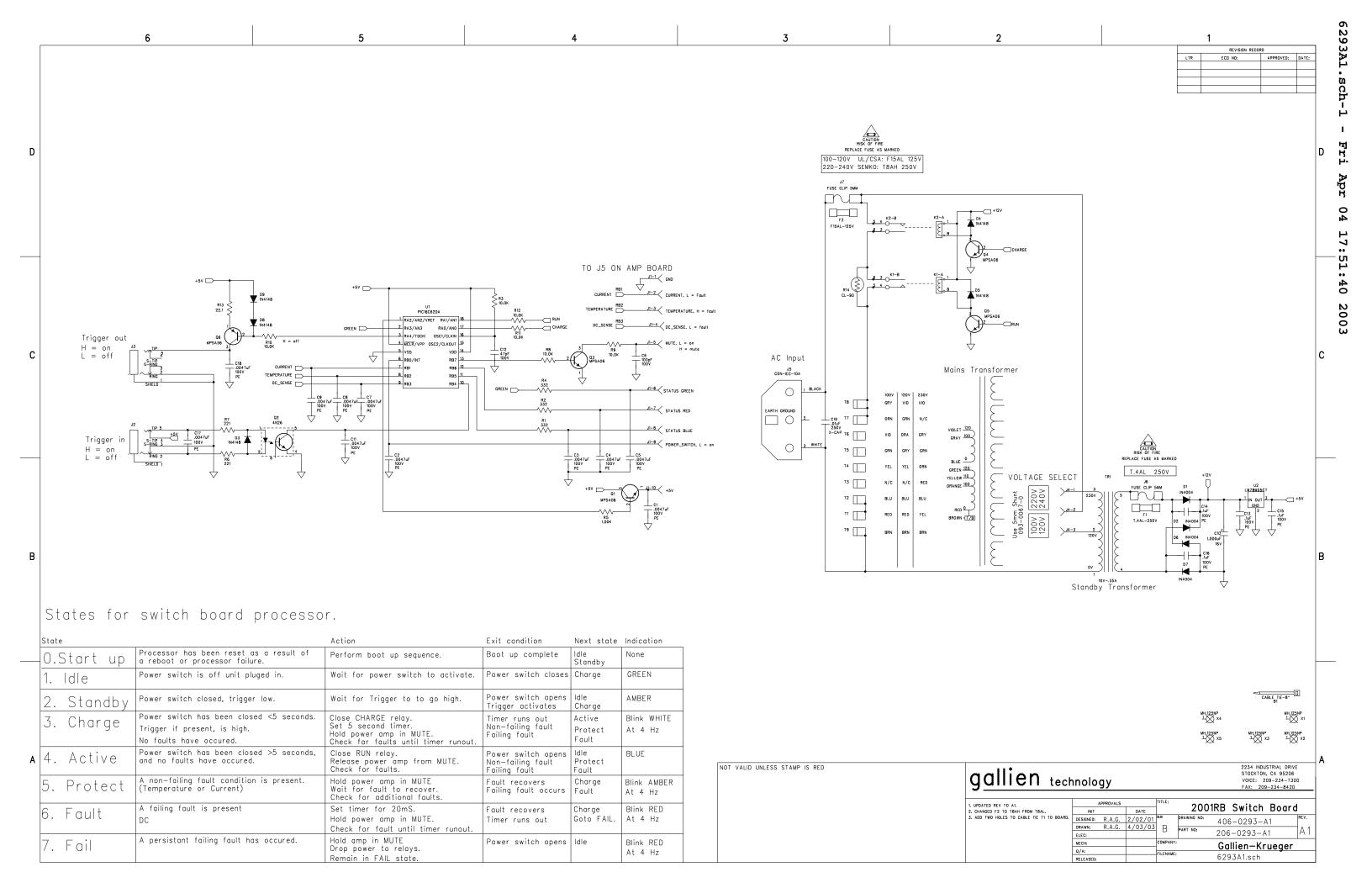
FINAL QA



NOT VALID UNLESS STAMP IS RED	gal	lien	technolo	gy		2240 PARA San Jose C Voice: 408 Fax: 408–	A. 95131 3-441-8081
		APPROVALS	_	TITLE:	200.	1RB Switch Boo	ur d
	II II	NIT	DATE			II/D 2MICCII DOC	ii u
	DESIGNED:	R.A.G.	12/21/00	SIZE	DRAWING NO:	145-0293-A	REV.
	DRAWN:	R.A.G.	12/17/02	В	PART NO:		+ A
	ELEC:			ט	17.11(1 110.	405-0293-A	' \
LAYER DESCRIPTION:	MECH:			COMPA	NY:	GALLIEN-KRU	FGFR
BOK SORES BIEKS ORO ROG	GERBER FI			EII EN AM	Г.		
	\$	xst0012159p	ph bo	FILENAM	c:	5293A.pcb	



Customer Name:		Gallien-	Kruege	er		C	Current Rev #:		New EC	20 Re	v #:	Α
Model:		2001RB					Distribute To:		Page:	1	Of:	1
Assembly Descript	tion:	2001RB	power	switch board			Originator:	Gall	ien			
Assembly Number:	e.	206-029	3-A				Approved by:					
Addornosy r varribor	<u> </u>	145-029	3-A			E	Effective Date:	8/19	/2002			
		Effectiv	e				ocument Updat	te	Dat	te	Init	tials
All in Process		X	Next	Buy		╧	Artwork				↓	
All in Service		X	Next	Production Run		<u> </u>	Assembly Dwg				↓	
All in Stock					X	=	Board Artwork	<			RAG	
Beginning Serial Nur	mber:				X	<u>.</u>	BOM				RAG	
		ason For C				<u> </u>	Control Form				↓	
Update artwork		rger hol	e size	s for		<u> </u>	Costing				↓	
auto insertion						Ļ	Fab Drawing				↓	
Change part nu	mber to	206-029	3-A.			<u> </u>	Inspection Prod	o			↓	
					X	_	Part Master Fi	le			RAG	
					X	<u> </u>	Schematic				RAG	
						<u> </u>	Service Manua	l			↓	
						Ļ	Test Procedur	e			↓	
						╧					↓	
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							er Affected					
					30	2	2-0290-A, 3	02-	1290-4	4, 30)2-2	290-
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	Desc	ription Of	Change				Distribution		Dat	te	Init	tials
						<u>_</u>	Accounting				↓	
						Ļ	Assembly				↓	
						<u>_</u>	Customer				↓	
					X	_	Engineering				↓	
					X	<u> </u>	Incoming Q.C.				↓	
					<u> </u>	<u> </u>	Planning				↓	
					X		Production Eng	g			↓	
					X	<u> </u>	Purchasing				↓	
						<u> </u>	Q.A.				↓	
					<u> </u>	Ļ	Receiving				↓	
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Part Number	 Desc	ription		Parts Added					ts Delete			
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PCB WORK INSTRUCTIONS DWG 420-0293-A1 NOTES:

UNLESS OTHERWISE SPECIFIED:

- 1. SQUARE PADS ON THRU HOLE PARTS (ie: CONNECTORS, DIPS, SIPS, LEDS) DENOTE PIN 1.
- 2. ALL BOARDS REQUIRE A COMPLETE AND THOROUGH VISUAL INSPECTION.
- 3. ALL BOARDS MUST BE BARE BOARD TESTED.
- 4. ASSEMBLE AND SOLDER PER ANSI/IPC-A-610B.

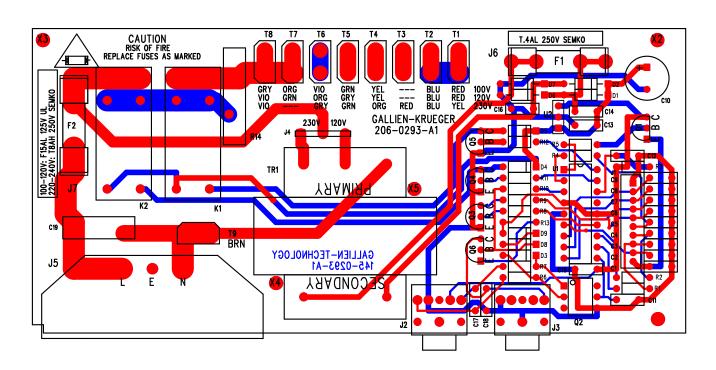
LOADING

- 5. U1 MUST BE SOCKETED, DO NOT LOAD IC IF NOT PROGRAMED.
- 6. GLUE C19 TO J5 WITH SILICON RTV.
- 10. FUSE LOADING F2

FOR 120V MODEL: LOAD FUSE, 5MM, F15AL, 125V UL FOR F2 FOR 230V MODEL: LOAD FUSE, 5MM, T8AL, 250V SEMKO FOR F2

11. GLUE TR1 TO PCB WITH SILICON RTV AND STRAP TO BOARD WITH CABLE TIE B1.

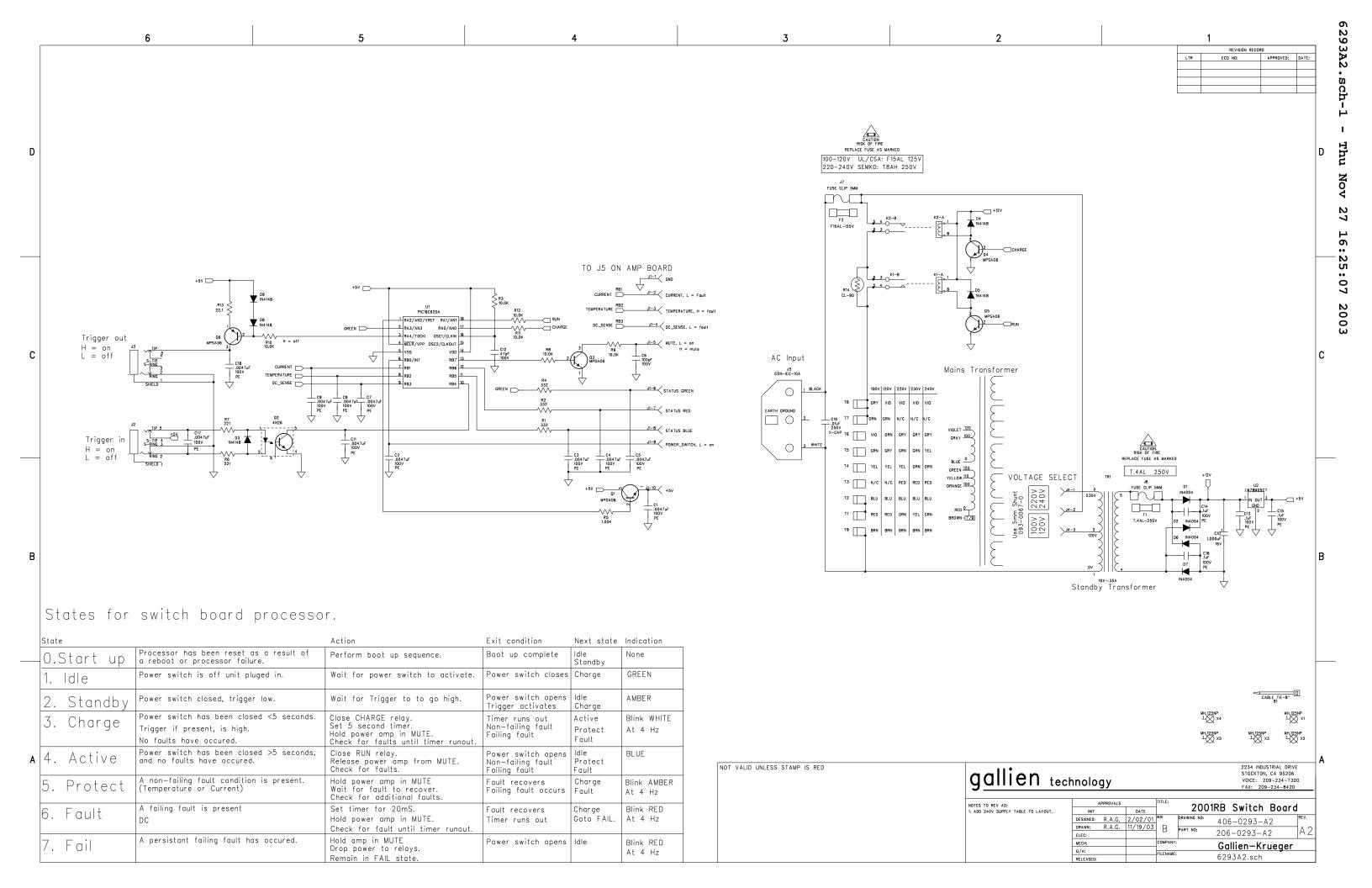
FINAL QA



NOT VALID UNLESS STAMP IS RED	ga	llien	technolo	gy		2234 INDUS' Stockton, Voice: 209 Fax: 209-2	CA 95206 -234-7300
		APPROVALS		TITLE:	200	1RB Switch Bod	ırd
		INIT	DATE			IND SWILCH DOO	ir u
	DESIGNED:	R.A.G.	12/21/00	SIZE	DRAWING NO:	145-0293-A1	REV.
	DRAWN:	R.A.G.	4/03/03	В	PART NO:		1 A1
	ELEC:					405-0293-A1	' ' '
LAYER DESCRIPTION:	MECH:			COMPA	NY:	GALLIEN-KRU	FGFR
BOPTS/MESSJEKBOREENG	GERBER F			FILENAM	F.		
DOI TOINCOULEND	3	sst0126hp	d ho	FILENAM	c:	5293A1.pcb	



Customer Name: Gallien-Krueger															
			-Kru	iegei	<u> </u>				Current F		A	New E0	OR	ev #:	A1
Model:		2001RB							Distribu			Page:	1	Of:	1
Assembly Descript	ion:	2001RB	pow	er s	witch boa	ard			Origi	nator:	Gall	ien			
Assembly Numbers	·	206-029	93-A	1					Approv						
Adderniber t	J.	145-029	93-A	1				E	Effective	Date:	8/19	/2002			
		Effectiv	ve						ocument	t Upda	te	Da	te	Ini	tials
All in Process			x N	lext B	uy				Artwor	k					
All in Service		2	x N	lext P	roduction Ru	un			Assemb	oly Dwg	j.				
All in Stock							x		Board A	\rtworl	<			RAG	
Beginning Serial Nun	nber:						X		BOM					RAG	
	Rea	ason For (Chan	ge					Control	Form					
Change F1 nota	tion to	230V to	o T8.	AH.					Costing	ı					
Add two holes	to cable	e tie T	1 to	the	board.				Fab Dra	awing					
									Inspecti	ion Pro	c.				
							X		Part Ma	aster F	ile			RAG	
							X		Schema	atic				RAG	
									Service	Manua	al				
									Test Pr	ocedur	è				
							Ot	he	er Affe	ected	Ass	emblie	s		
							30)2	2-0290	D-A, 3	02-	1290-	4,3	02-2	290-
Continued on I	ECO Suppl	lement Pa	age												
	Desc	ription Of	f Cha	ange					Distrib	ution		Da	te	Ini	tials
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							Ļ	Ц	Assemb	oly					
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							X	뉘	Service					+-	
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	LUU JUPPI		.ge		Parts A	vdded			- avvii le	gco) auti		ts Delete	ed _		
Part Number	Desc	cription		3ty		Designator		-	Qty			Ref. Desi		nr.	
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			+	-				\dashv							
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PCB WORK INSTRUCTIONS DWG 420-0293-A2 NOTES:

UNLESS OTHERWISE SPECIFIED:

- 1, SQUARE PADS ON THRU HOLE PARTS (ie: CONNECTORS, DIPS, SIPS, LEDS) DENOTE PIN 1,
- 2. ALL BOARDS REQUIRE A COMPLETE AND THOROUGH VISUAL INSPECTION.
- 3. ALL BOARDS MUST BE BARE BOARD TESTED.
- 4. ASSEMBLE AND SOLDER PER ANSI/IPC-A-610B.

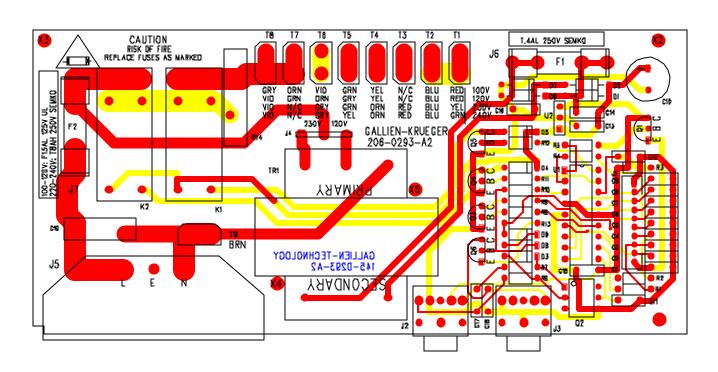
LOADING

- 5. U1 MUST BE SOCKETED, DO NOT LOAD IC IF NOT PROGRAMED.
- 6. GLUE C19 TO J5 WITH SILICON RTV.
- 10. FUSE LOADING F2

FOR 120V MODEL: LOAD FUSE, 5MM, F15AL, 125V UL FOR F2 FOR 230V MODEL: LOAD FUSE, 5MM, T8AL, 250V SEMKO FOR F2

11. GLUE TR1 TO PCB WITH SILICON RTV AND STRAP TO BOARD WITH CABLE TIE B1.

<u>FINAL QA</u>



NOT VALID UNLESS STAMP IS RED	gal	lien	technolo	gy		STOCKTO VOICE: 2	USTRIAL DRIVE N, CA 952D6 109-234-73D0 9-234-8240
		APPR@VALS	TITLE:	200	1RB Switch Bo	ard	
	INI	IT	DATE		200		uru
	DESIGNED:	R.A.G.	12/21/00	SIZE	DRAWING NO:	145-0293-A	? REV.
	DRAWN;	R.A.G.	11/19/03	В	PART NO:		\ \ \ \ \ \
	ELEC:				17001 1141	405-0293-A	2 / 12
LAYER DESCRIPTION:	MECH:			COMPA	NY:	GALLIEN-KRI	IFGER
8 D FK BOOR F S BN FFK BOOR FF FANG	GERBER FILI	E NAME;				U/ILLILIN IXIX	
DIETA COMPA E DEM LIDADIO AC IXEMENTO	\$53	560012159p	фb≎	FILENAM	Ł;	5293A2.pcb	



Customer Name:		Gallien-		Jege	r				Current	Rev #:	A1	New E0	CO Re	v #:	A2
Model:		2001RB							Distrib	ute To:		Page:	1	Of:	1
Assembly Descript	ion:	2001RB	pow	ver s	switch b	oard			Orig	jinator:	Gall	ien			
A		206-02	93 <i>-1</i>	A					Appro	ved by:					
Assembly Numbers	3:	145-02	93 <i>-1</i>	A				Е	Effective	e Date:					
		Effecti	ve					D	ocumer	nt Upda	te	Da	te	Init	tials
All in Process			x N	Jext E	Buy				Artwo	rk					
All in Service					Production I		ÌГ	Ī	Assem	nbly Dwg	j.				
All in Stock			_				x	1		Artwor				RAG	
Beginning Serial Num	nber:						X	_	BOM					RAG	
		son For (Char	nce				1		ol Form				-	
Add 240V supply					schemati			T	Costin					+-	
raa 2100 bappi	y cabic	- CO DOG.	<u>ra</u> c	arror i	Jenemaer	<u>. </u>	╁┾	t	Fab Dr					+-	
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	Desc	ription O	f Cha	ange					Distri	bution		Da	te	Init	tials
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									Assem	nbly				\perp	
									Custor	mer					
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								1	Vendo					+-	
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Part Number	Desc	ription	H			Added						ts Delete			
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			-												
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			+												
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			+												
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			+	-											
			+	-											