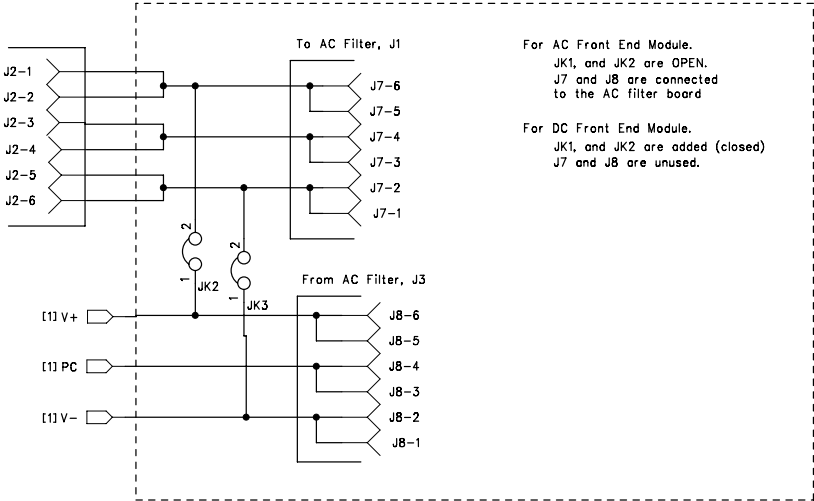
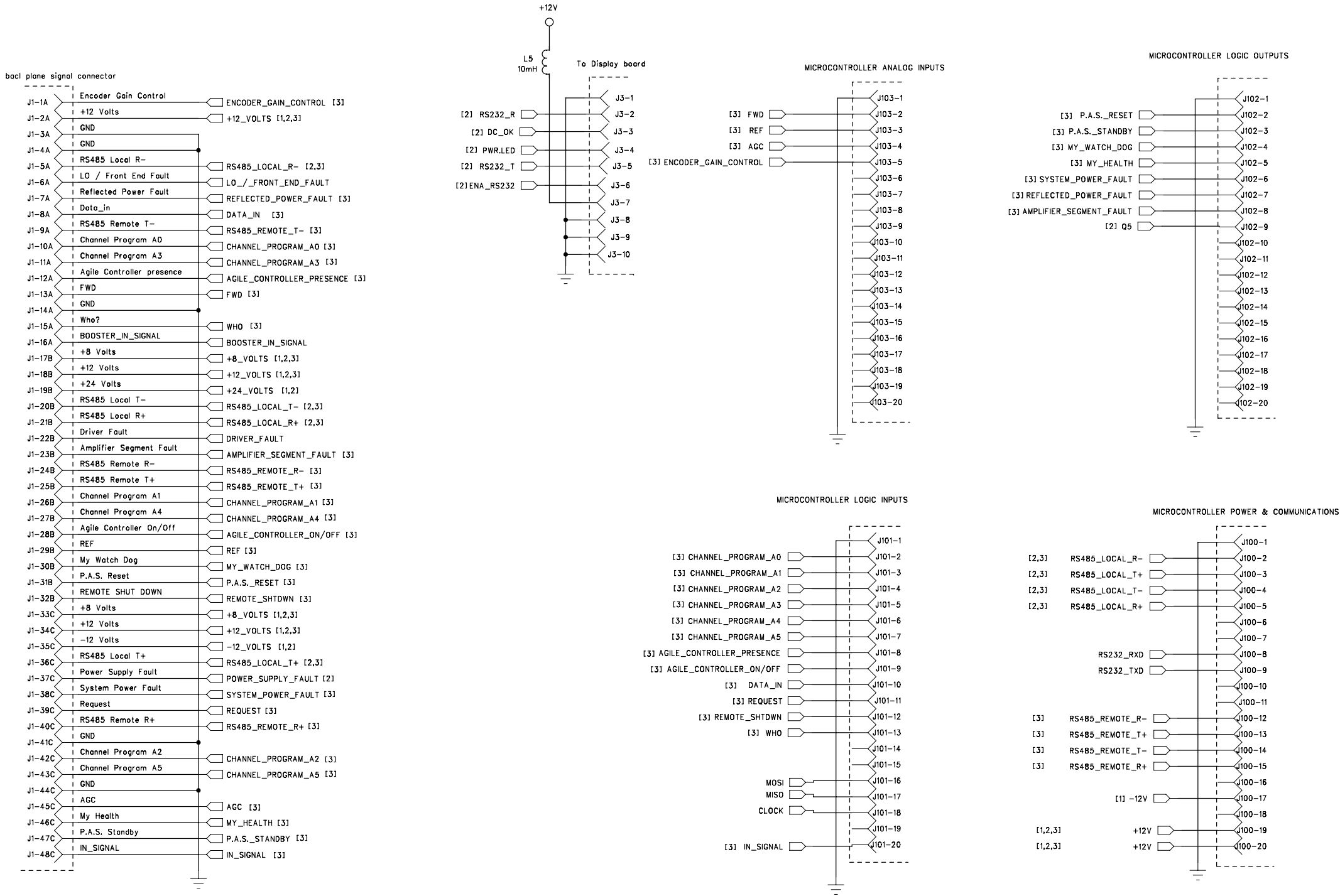


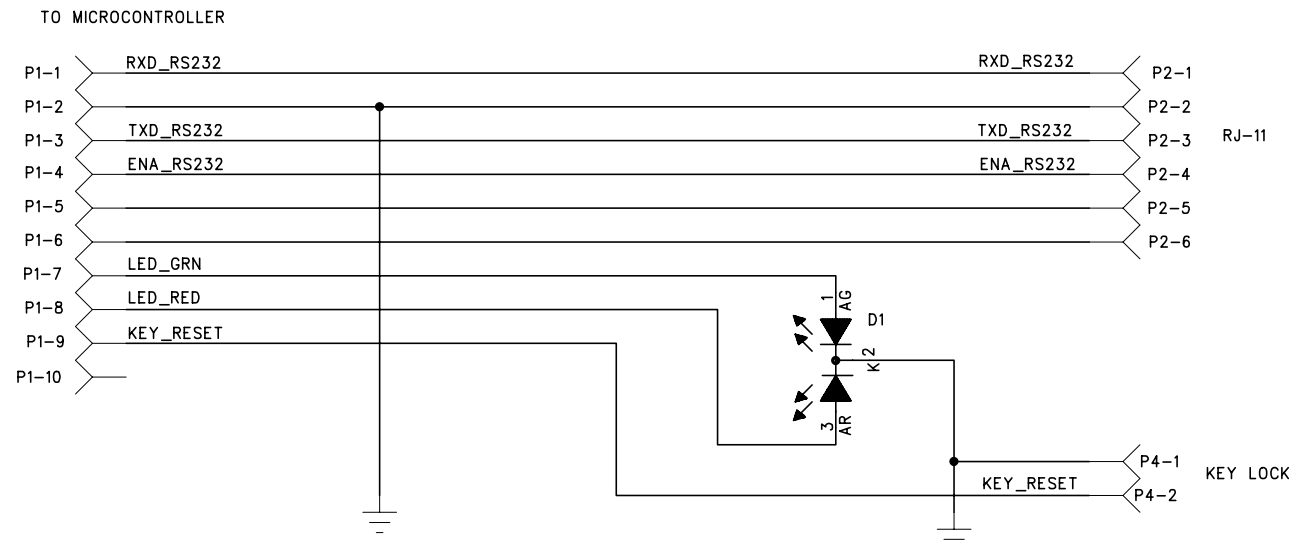
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



COMMUNICATION MICROWAVE CORP.			
CRESTWOOD INDUSTRIAL PARK MOUNTAINTOP, PA. 18707			
TITLE: DC CONVERTER BOARD POWER SUPPLY MODULE			
DRAWN: C. Smith	DATED: 9-9-99	DRAWING NO: C-47266096-030	
CHECKED: C. SMITH	9-21-00	SHEET: 3 OF 3	
EDC: T. JERARD	9-21-00	SCALE:	
RELEASED: C. SMITH	9-21-00	REV: A	

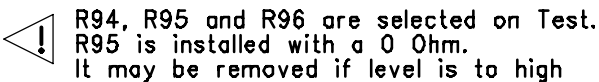
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B	4964	D.WIKE	07-10-03		UPDATED LOGO PER ECO						
REV	CHANGE ORDER	ISSUED	DATE	AUTHORIZED	DATE	DESCRIPTION					
ISSUED:	T. JERARD	9-22-00	PROJECT #:			ELECTRONIC FILE: 47266249-030B.sch					
EDA:	T. JERARD	10-10-00	SCHEMATIC, FRONT PANEL DISPLAY WITH DIAGNOSTICS PORT								
ENGR:	D.WIKE	10-10-00									
ENGR:	.	.									
EDC:	.	.									
THALES BROADCAST & MULTIMEDIA Mountaintop Pennsylvania, 18707			DOCUMENT NUMBER			DTC	SIZE	PAGE			
			47266249			030	A	1 OF 1			
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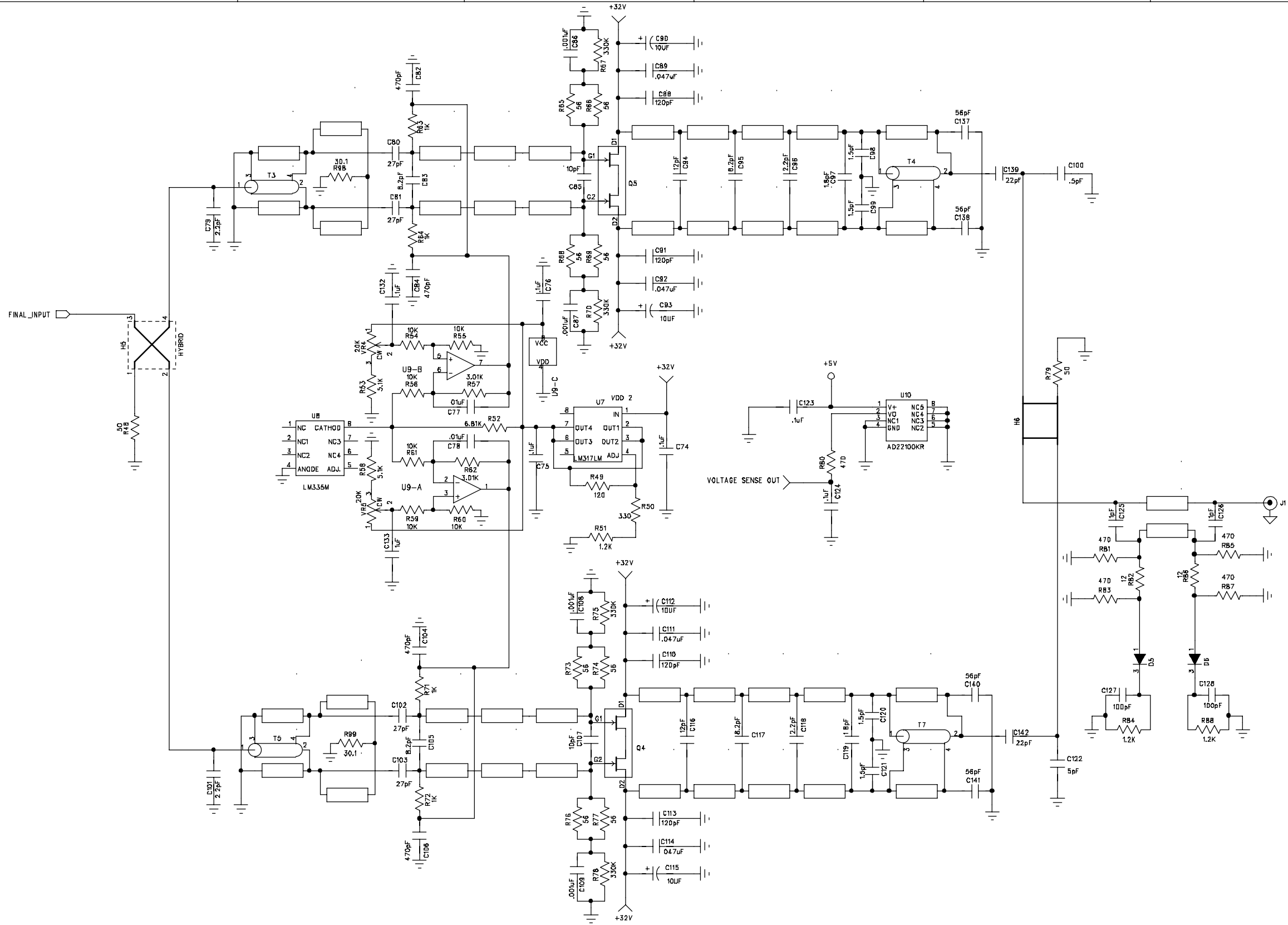
E	4922	A A.C.	05-01-03			Component Value changes and Drawing Clean-up		
D	100B1	AAC	05-15-02	AAC	D8-15-02	Artwork changes improve legibility of first stage		
C	10073	AAC	03-11-02	AAC	D3-11-02	Artwork changes improve directional coupler and group delay		
B	100B3	AHB	01-28-02	AAC	D1-28-02	Mounting holes changed position		
A		AHB	1-25-02	AHB	1-25-02	ENGINEERING RELEASE		
REV	CHANGE ORDER	ISSUED	DATE	AUTHORIZED	DATE	DESCRIPTION		
ISSUED:	Andre Castro	12/05/02	PROJECT #:			ELECTRONIC FILE, 47266706E-030.uoh		
EDA:	A. Bragalone	1-25-02	SCHEMATIC,UHF POWER AMPLIFIER					
ENDR:	Andre Castro	1-25-02						
ENDR:	A. Bragalone	1-25-02						
EDD	.							
THALES BROADCAST & MULTIMEDIA Mountaintop Pennsylvania, 18707			DOCUMENT NUMBER		DTG	SIZE	PAGE	
			47266706		030	C	1 OF 2	
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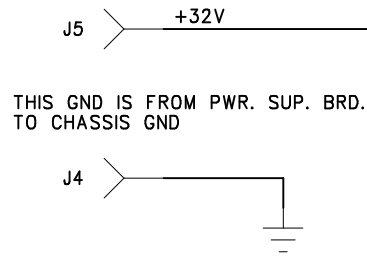
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PROJECT #:										ELECTRONIC FILE: 47266706-030.sch									
SCHEMATIC, UHF POWER AMPLIFIER																			
DOCUMENT NUMBER										DTC				SIZE		PAGE			
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BROADCAST & MULTIMEDIA
Moulins-la-Marche, 18707

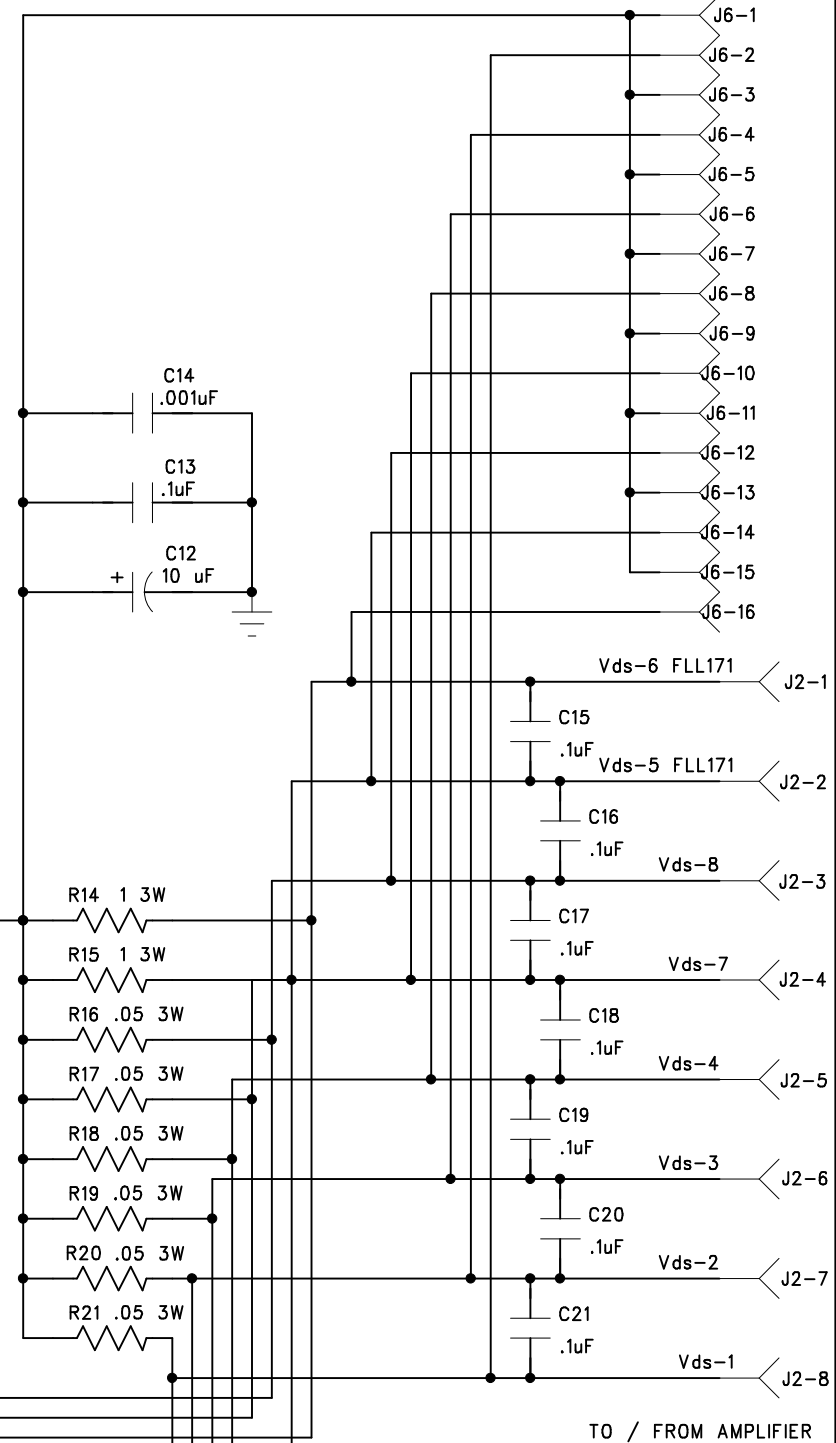
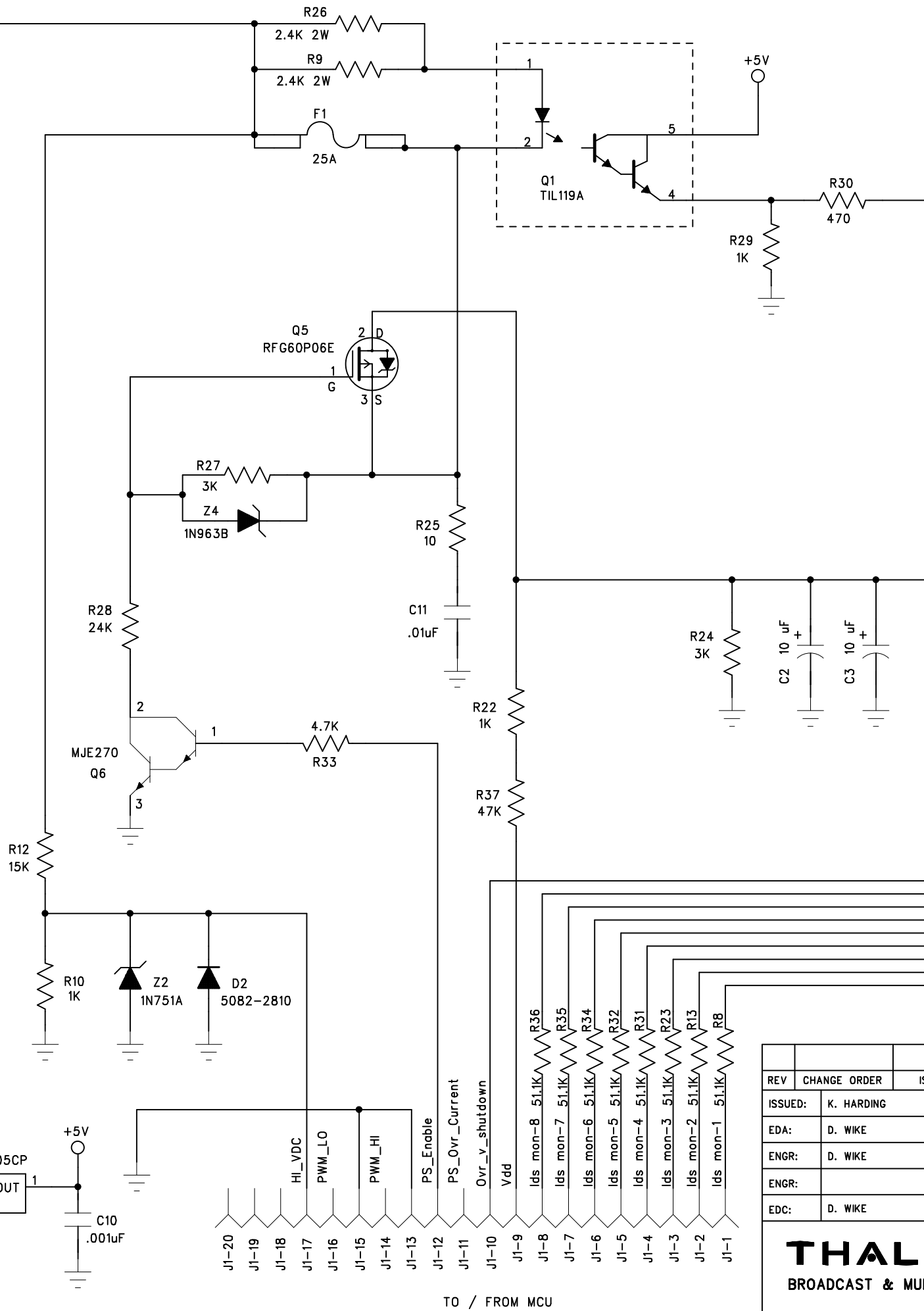
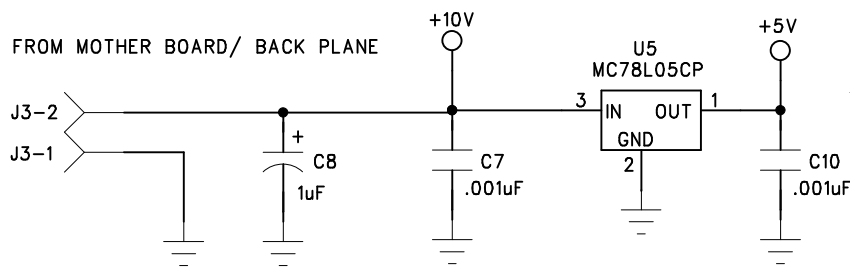
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FROM MOTHER BOARD / BACK PLANE



THIS GND IS FROM PWR. SUP. BRD.
TO CHASSIS GND

FROM MOTHER BOARD/ BACK PLANE

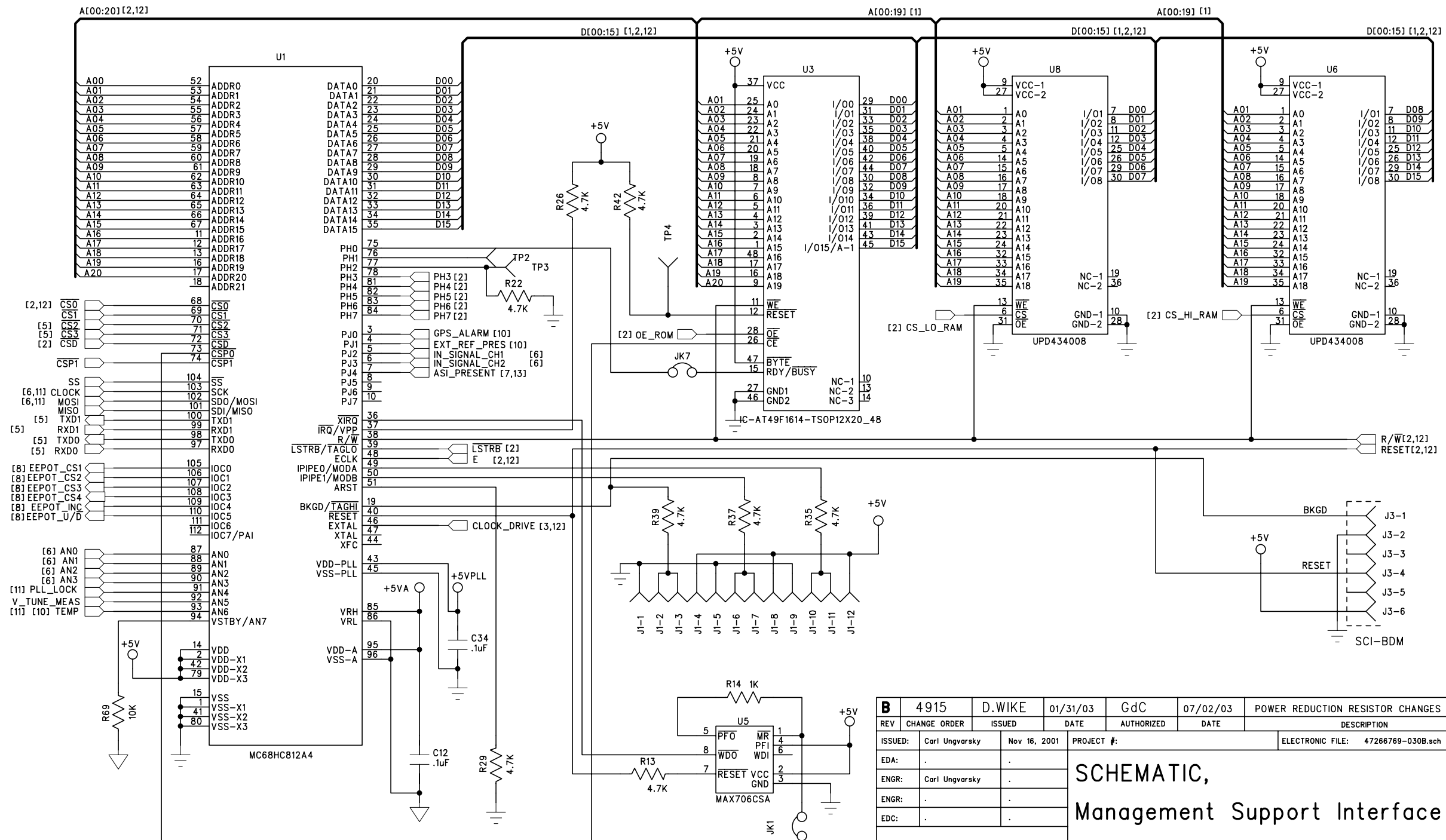


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ISSUED:		K. HARDING		06-19-00		PROJECT #:						ELECTRONIC FILE: 47266708-030G.sch									
EDA:		D. WIKE		10-10-00		SCHEMATIC: DC TRANSFER, BIAS BOARD															
ENGR:		D. WIKE		10-10-00																	
ENGR:																					
EDC:		D. WIKE		10-10-00																	
THALES BROADCAST & MULTIMEDIA						DOCUMENT NUMBER						DTC		SIZE		PAGE					
						47266708						030		B		1 OF 1					

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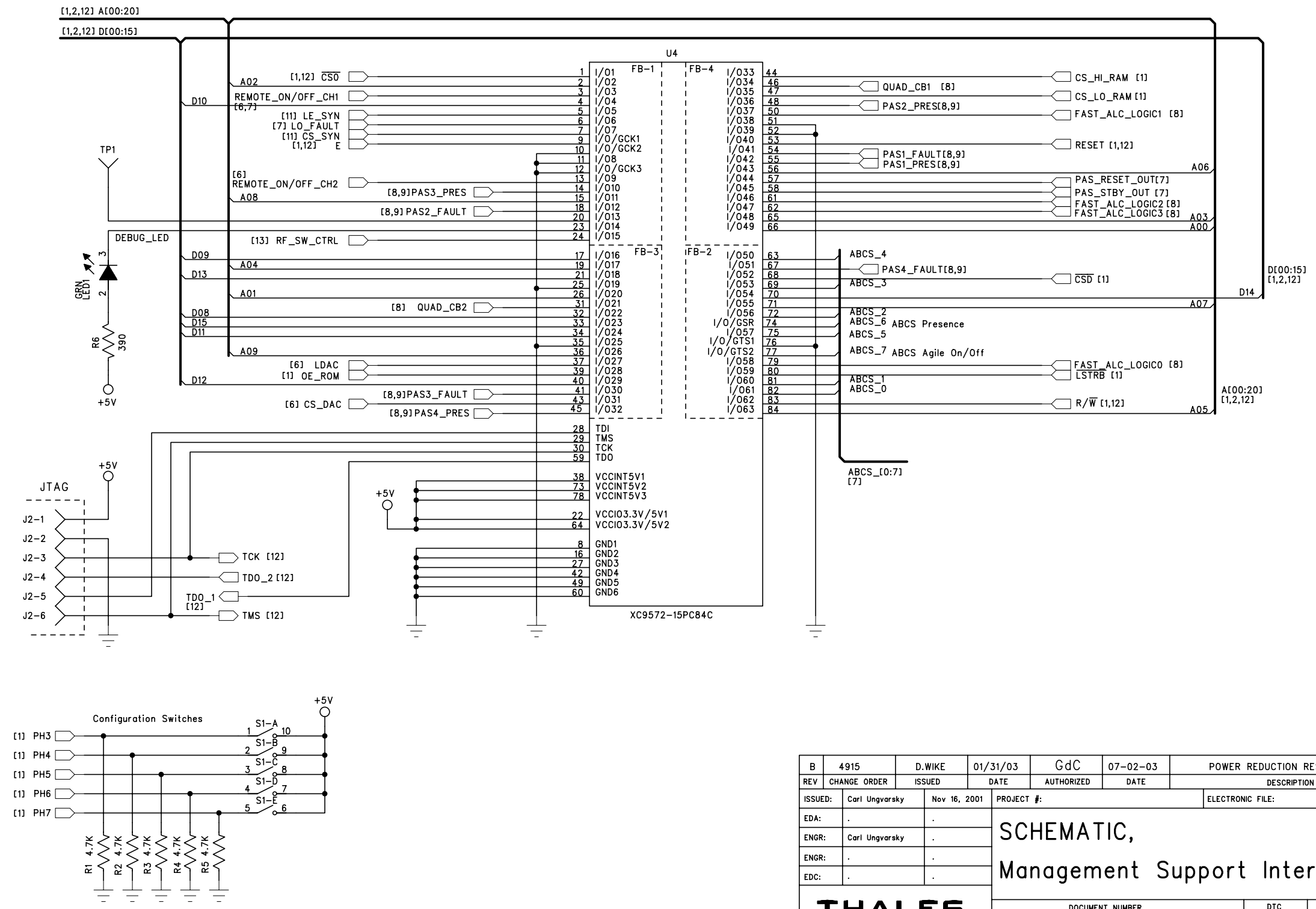


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REV	CHANGE ORDER	ISSUED		DATE	AUTHORIZED	DATE	DESCRIPTION										
ISSUED:		Carl Ungvarsky		Nov 16, 2001		PROJECT #:			ELECTRONIC FILE: 47266769-030B.sch								
EDA:		.		.		SCHEMATIC, Management Support Interface											
ENGR:		Carl Ungvarsky		.													
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THALES BROADCAST & MULTIMEDIA Mountaintop Pennsylvania, 18707						DOCUMENT NUMBER			DTC	SIZE	PAGE						
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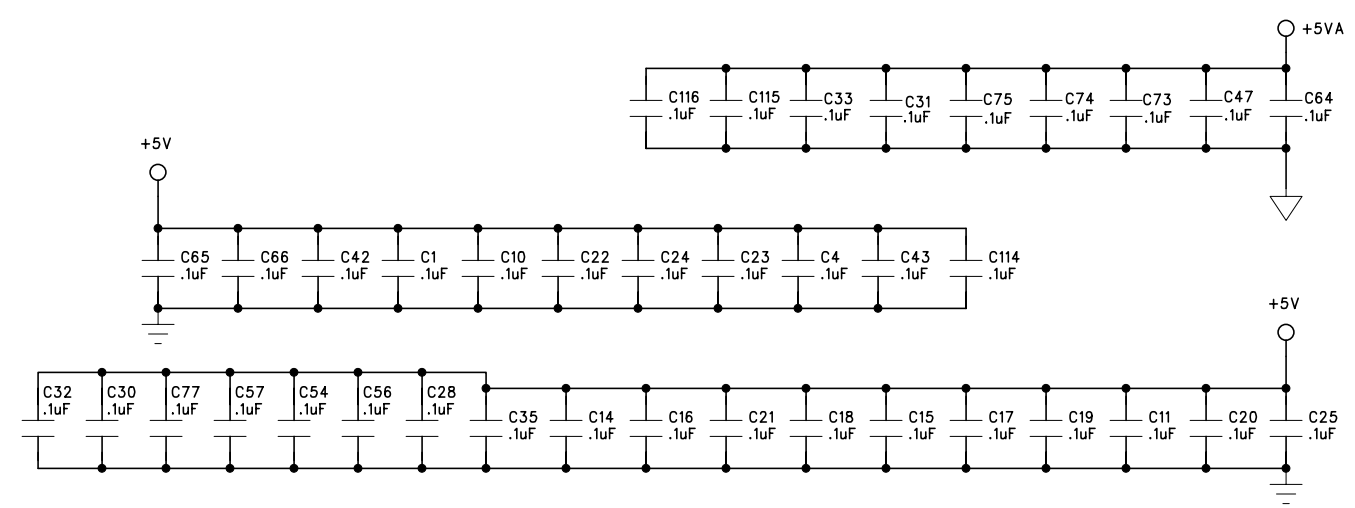
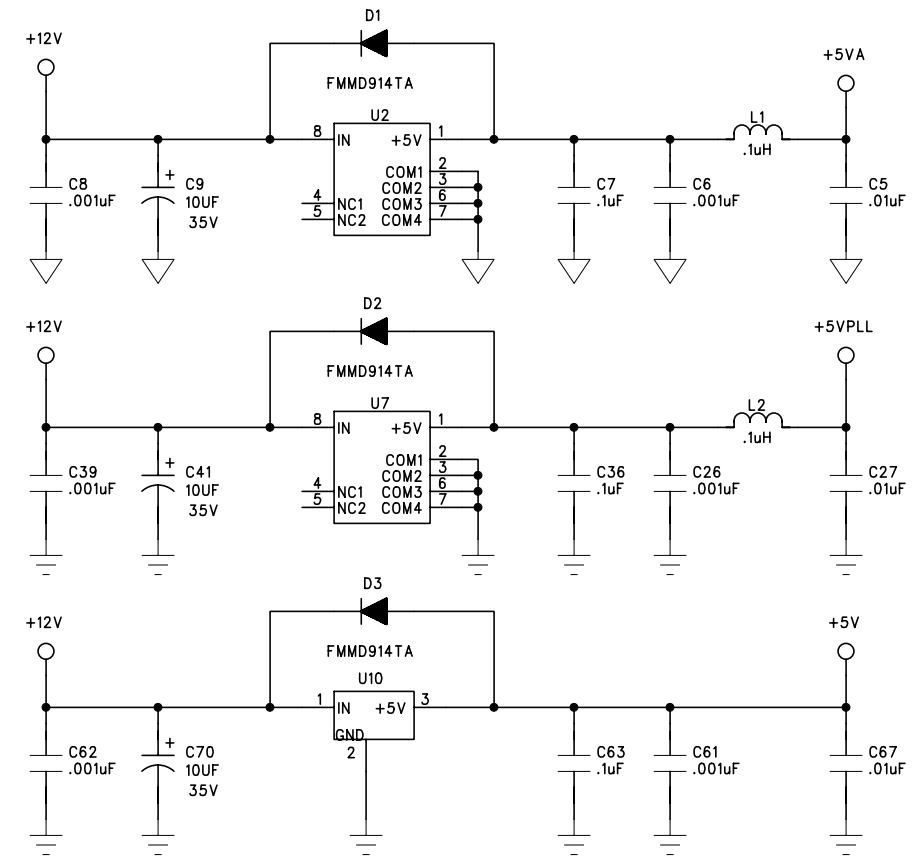
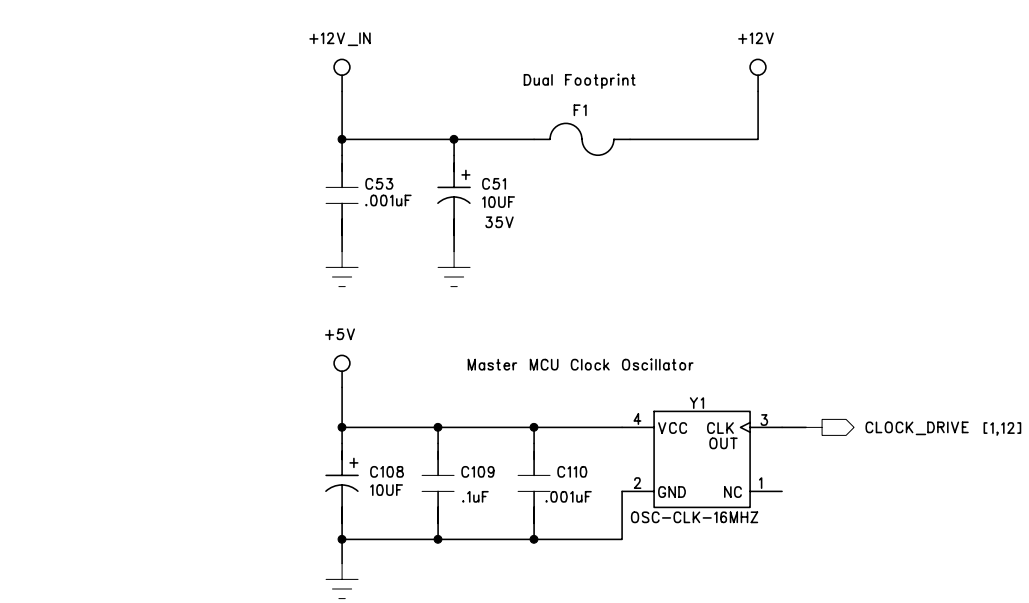


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ISSUED:	Carl Ungvarsky		Nov 16, 2001		PROJECT #:					ELECTRONIC FILE:					
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ENGR:	Carl Ungvarsky		.												
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THALES BROADCAST & MULTIMEDIA Mountaintop Pennsylvania, 18707				DOCUMENT NUMBER					DTC		SIZE		PAGE		
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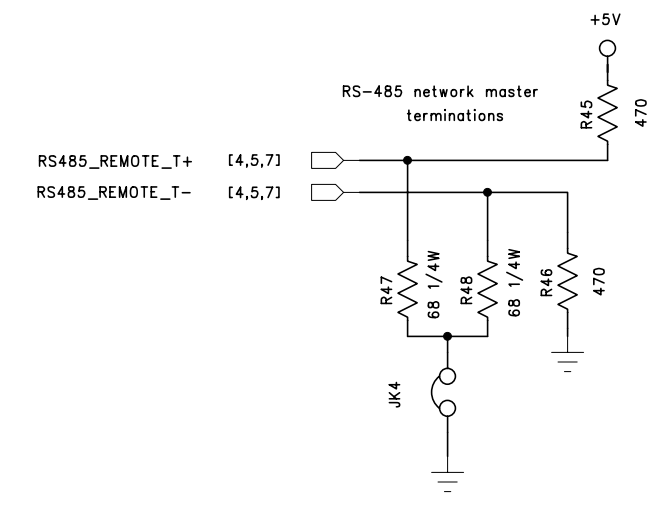
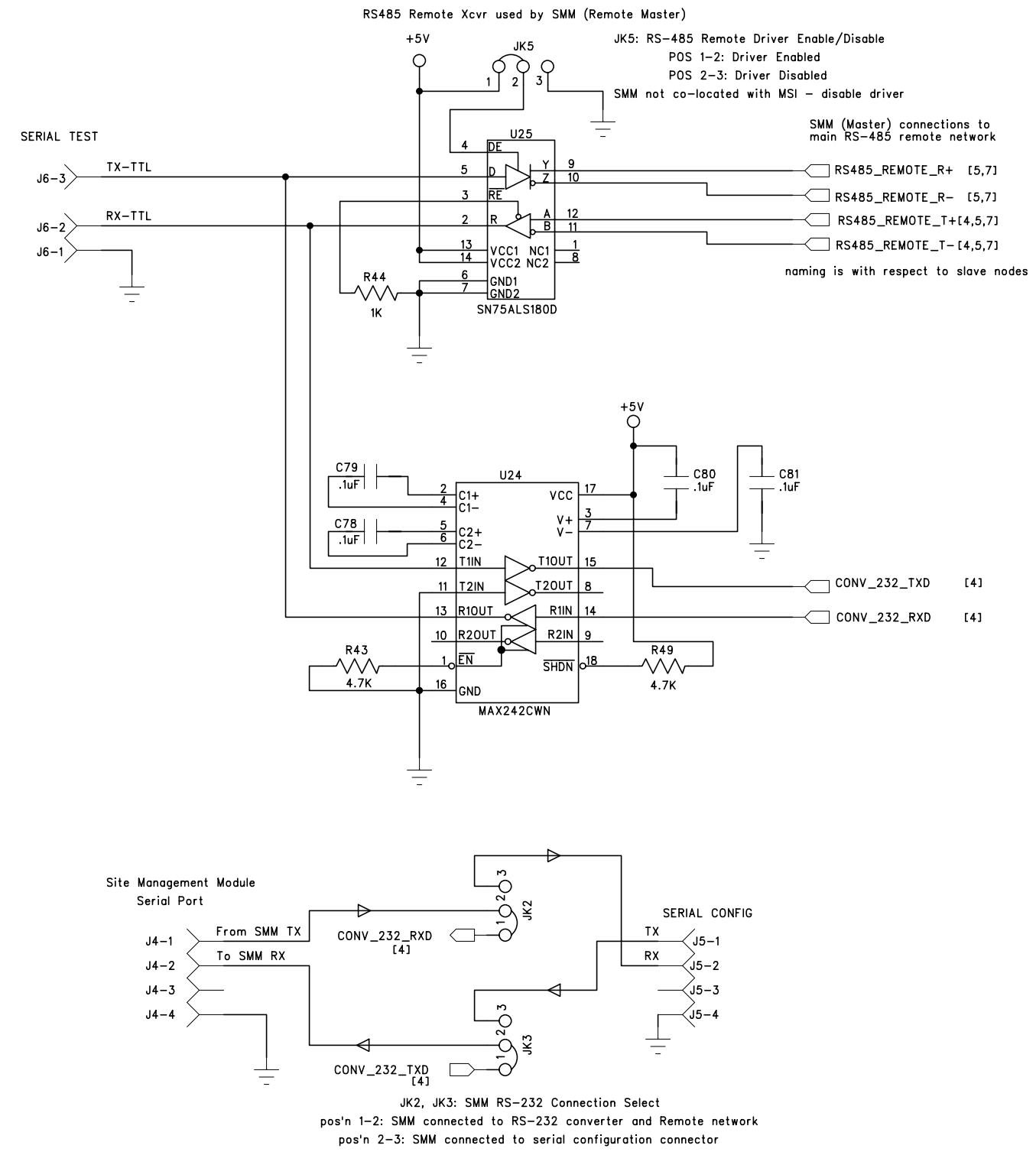


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ISSUED:	Carl Ungvarsky		Nov 16, 2001	PROJECT #:							ELECTRONIC FILE:								
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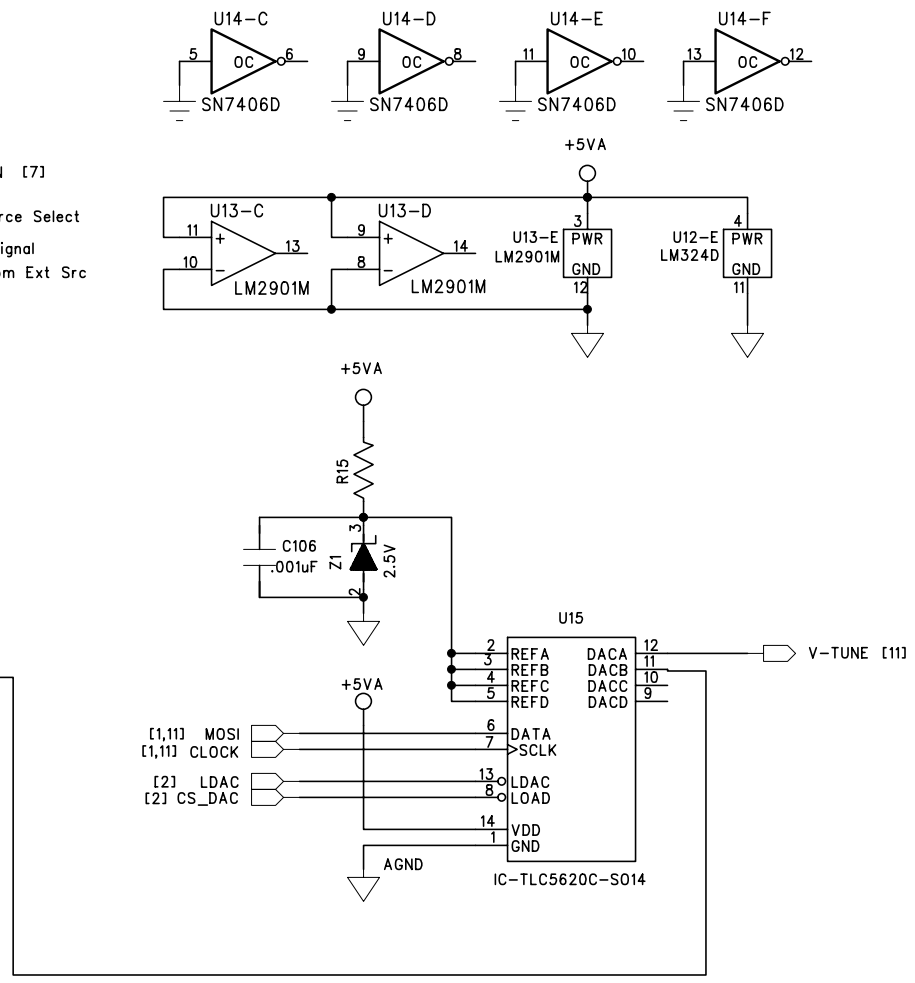
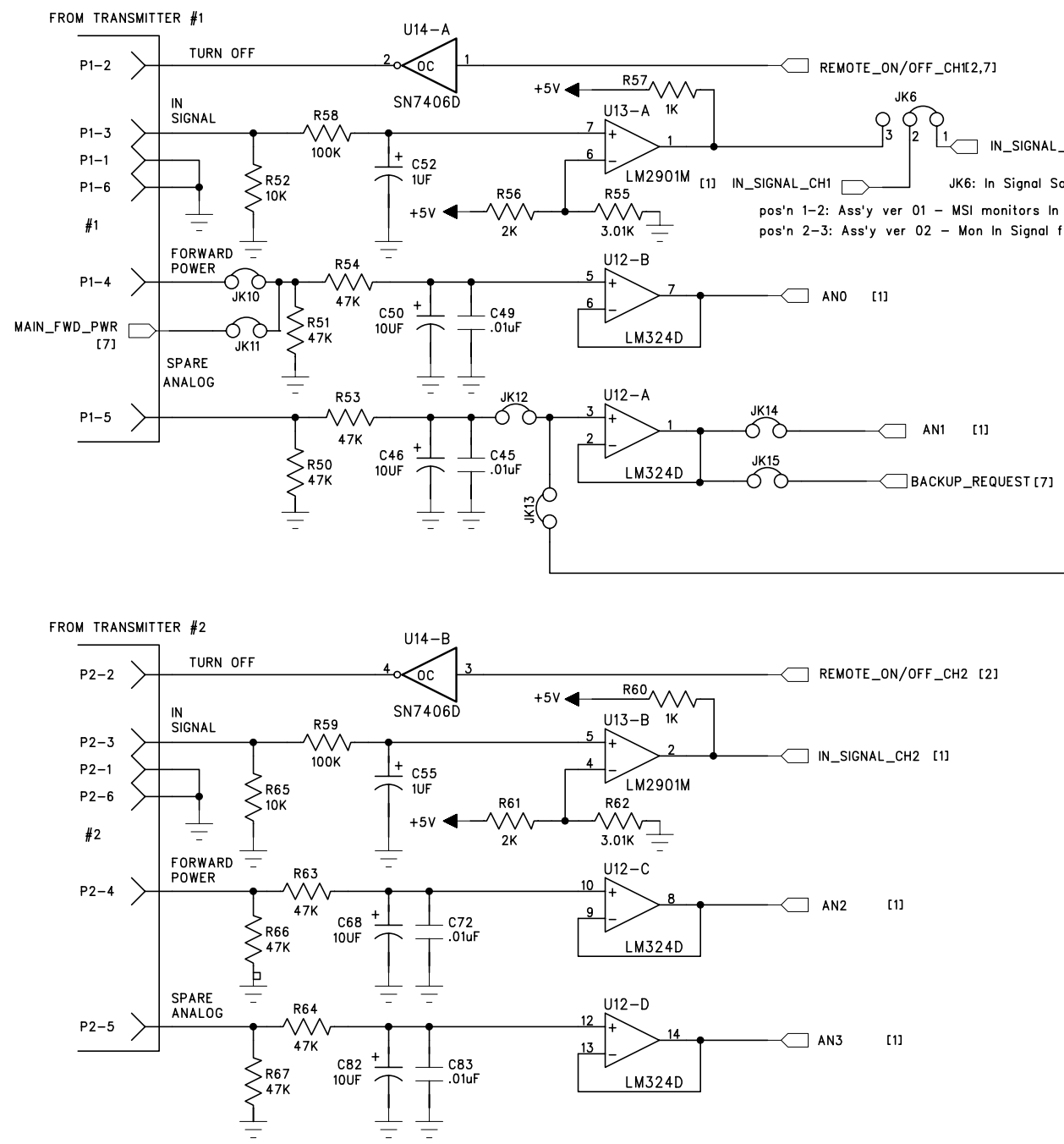


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ISSUED:	Carl Ungvarsky		Nov 16, 2001	PROJECT #:						ELECTRONIC FILE:					
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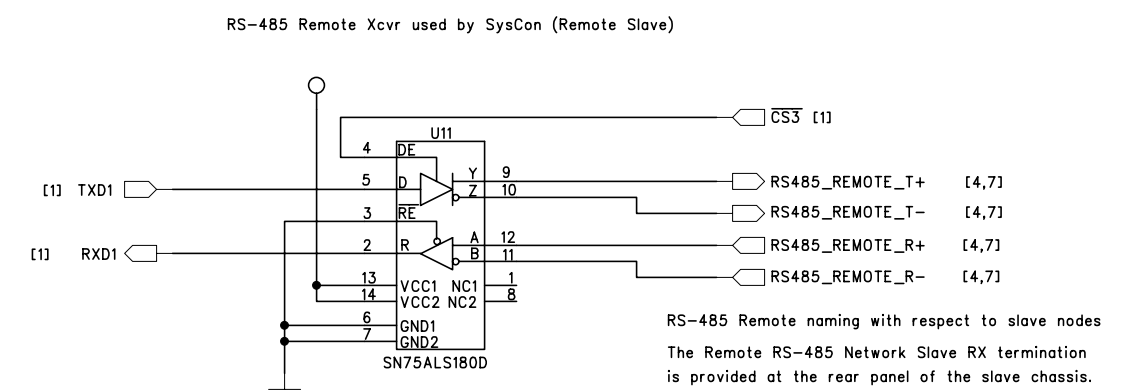
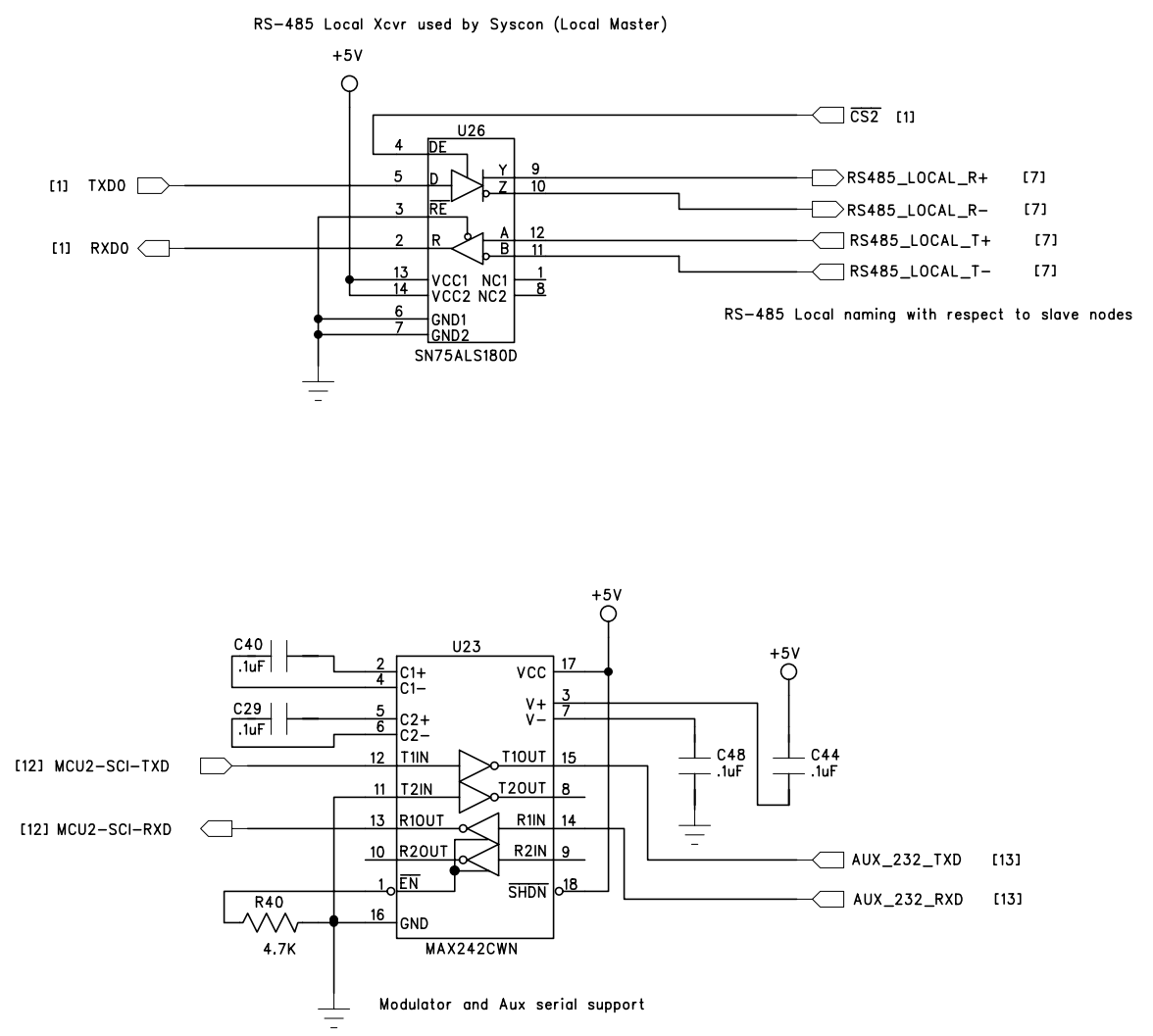
Note: For FWD PWR monitoring internal to TX install JK11,JK13,& JK15 and remove JK10,JK12,& JK14
For MSI used as BKUP controller, install JK10,JK12,& JK14 and remove JK11,JK13,& JK15

B	4915	D.WIKE	01/31/03	GdC	07-02-03	POWER REDUCTION RESISTOR CHANGES										
REV	CHANGE ORDER		ISSUED	DATE	AUTHORIZED	DATE	DESCRIPTION									
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THALES BROADCAST & MULTIMEDIA Mountaintop Pennsylvania, 18707				DOCUMENT NUMBER						DTC		SIZE		PAGE		
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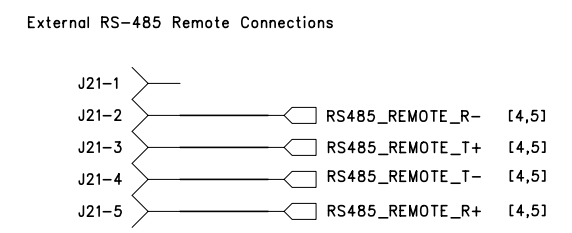
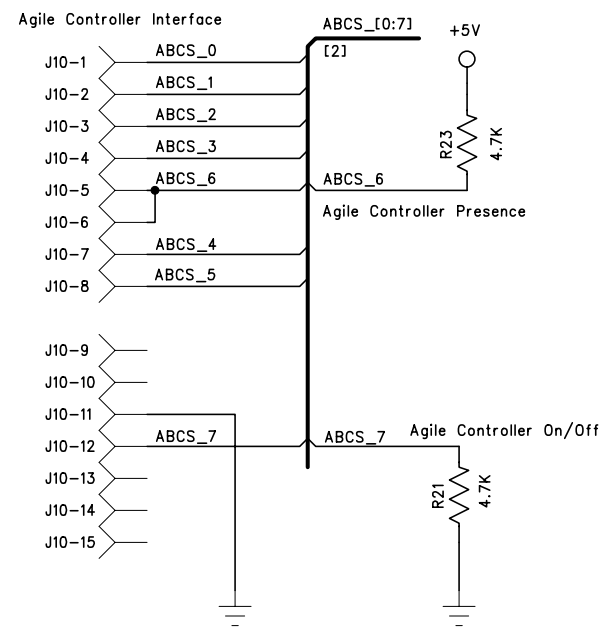
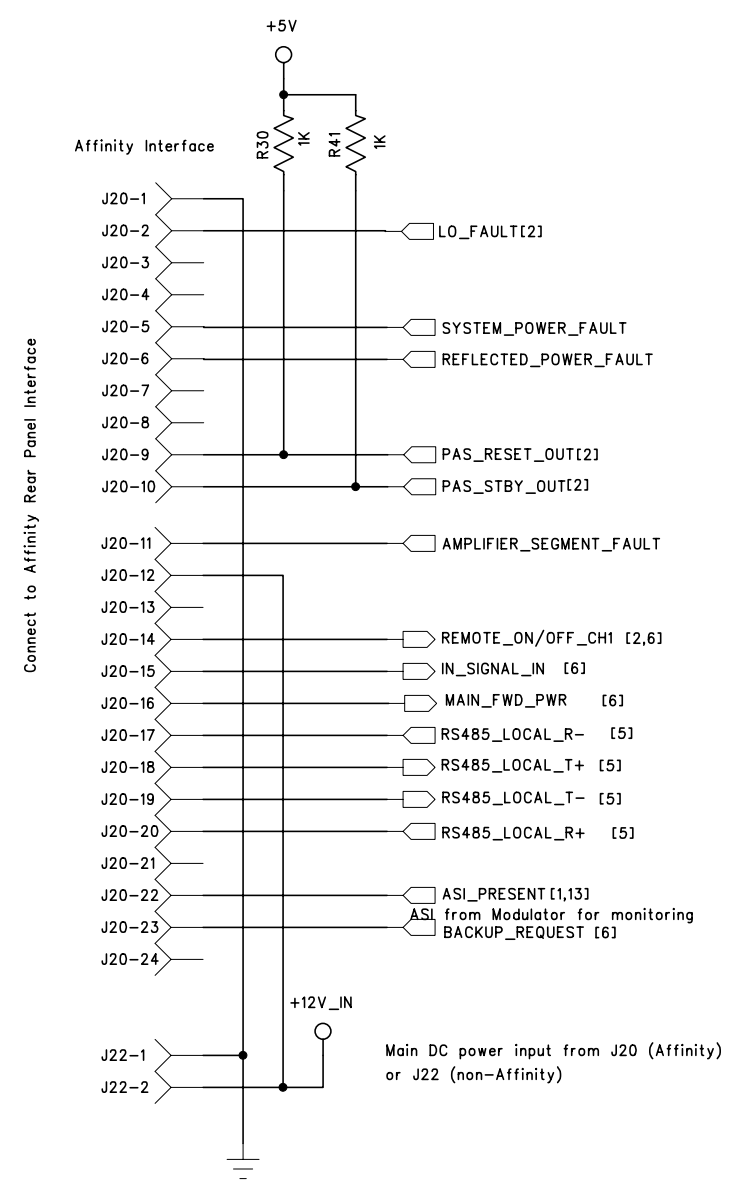


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ISSUED:	Carl Ungvarsky		Nov 16, 2001		PROJECT #:										ELECTRONIC FILE:					
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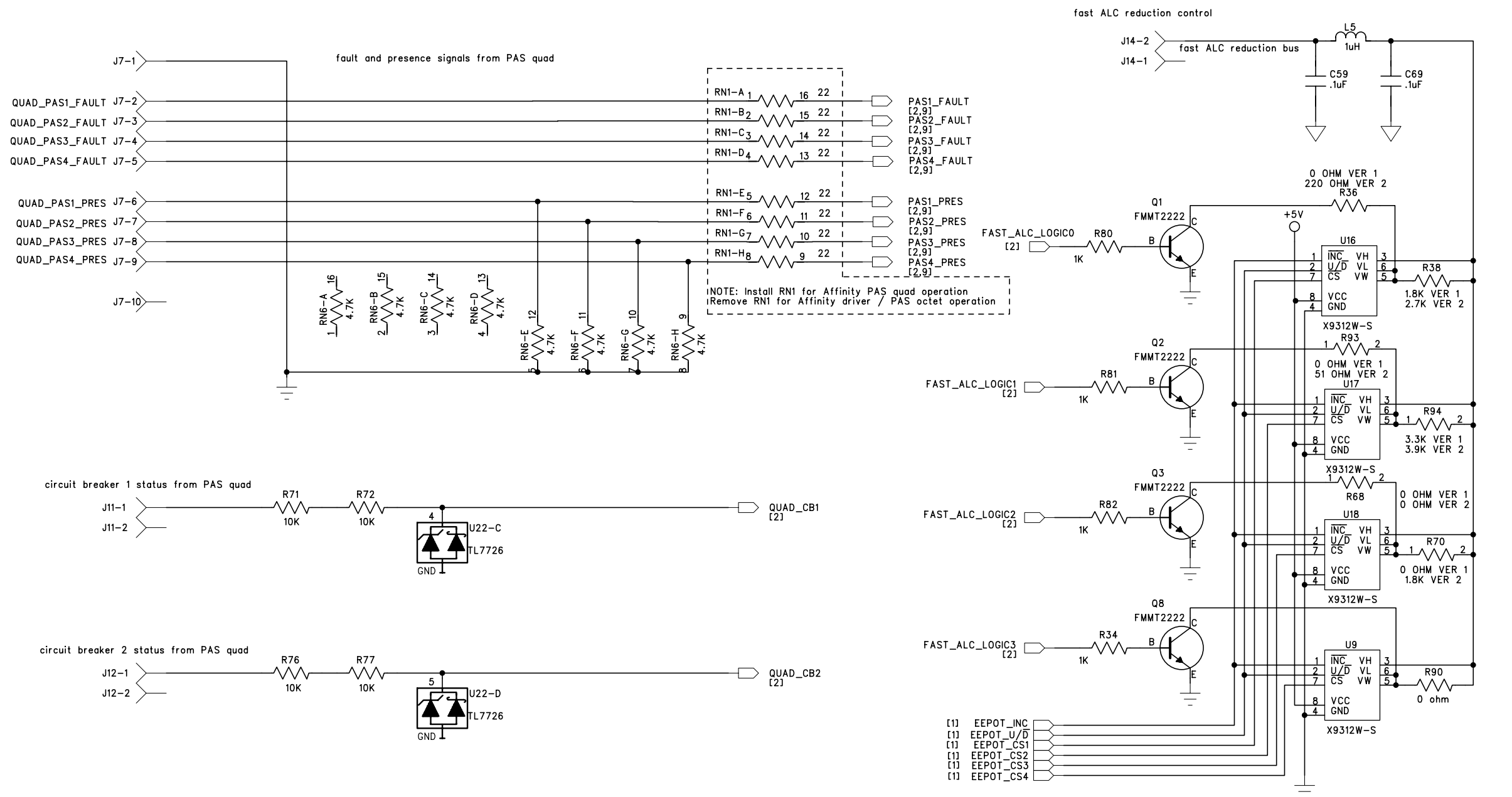


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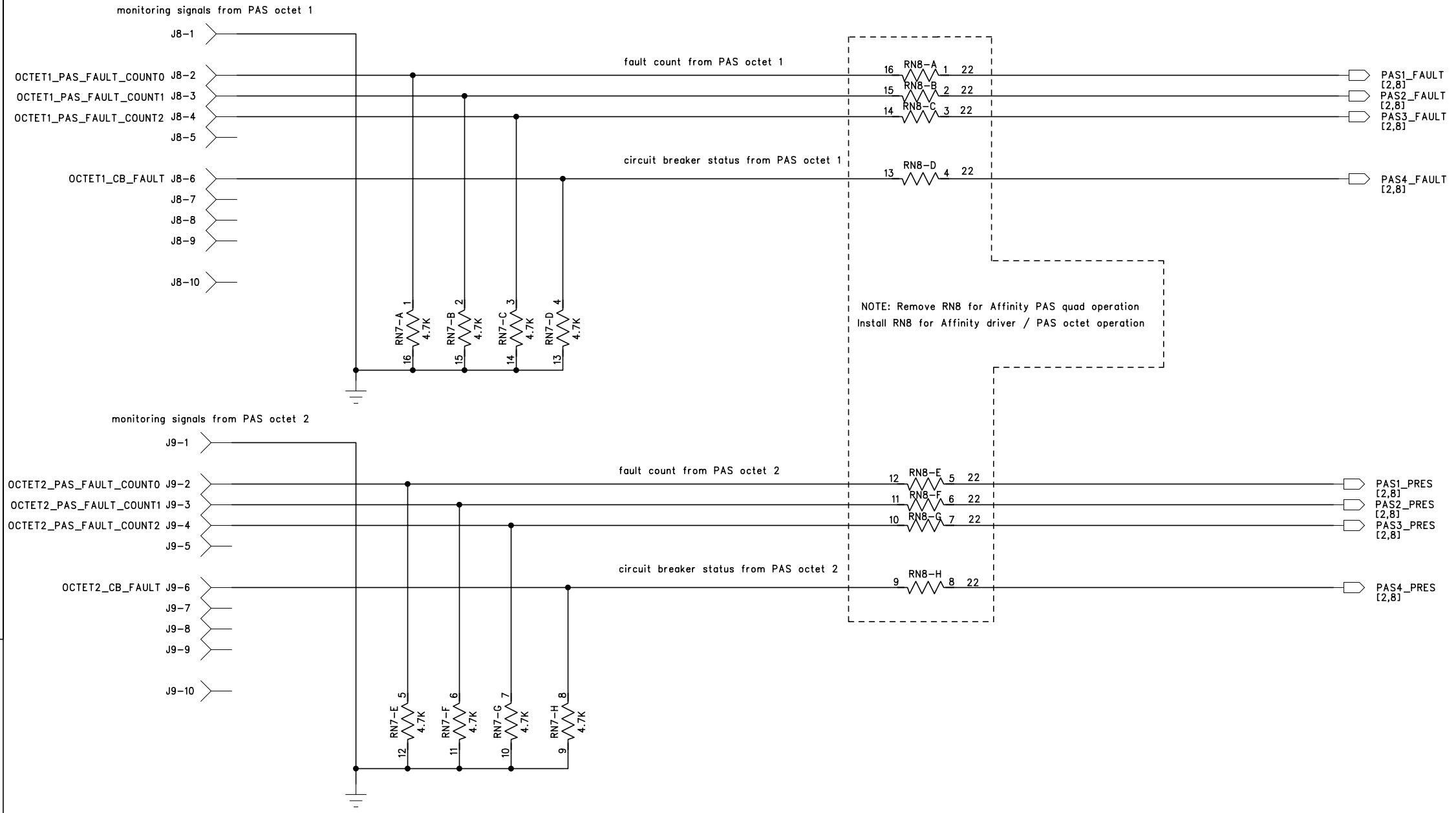


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ENGR:	Carl Ungvarsky		-												
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THALES BROADCAST & MULTIMEDIA Mountaintop Pennsylvania, 18707				DOCUMENT NUMBER					DTC		SIZE		PAGE		
				47266769					030		B 8		OF 13		

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B	4915	D.WIKE	01/31/03	GdC	07-02-03	POWER REDUCTION RESISTOR CHANGES										
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THALES BROADCAST & MULTIMEDIA Mountaintop Pennsylvania, 18707				DOCUMENT NUMBER					DTC		SIZE		PAGE			
				47266769					030		B 9		OF 13			