
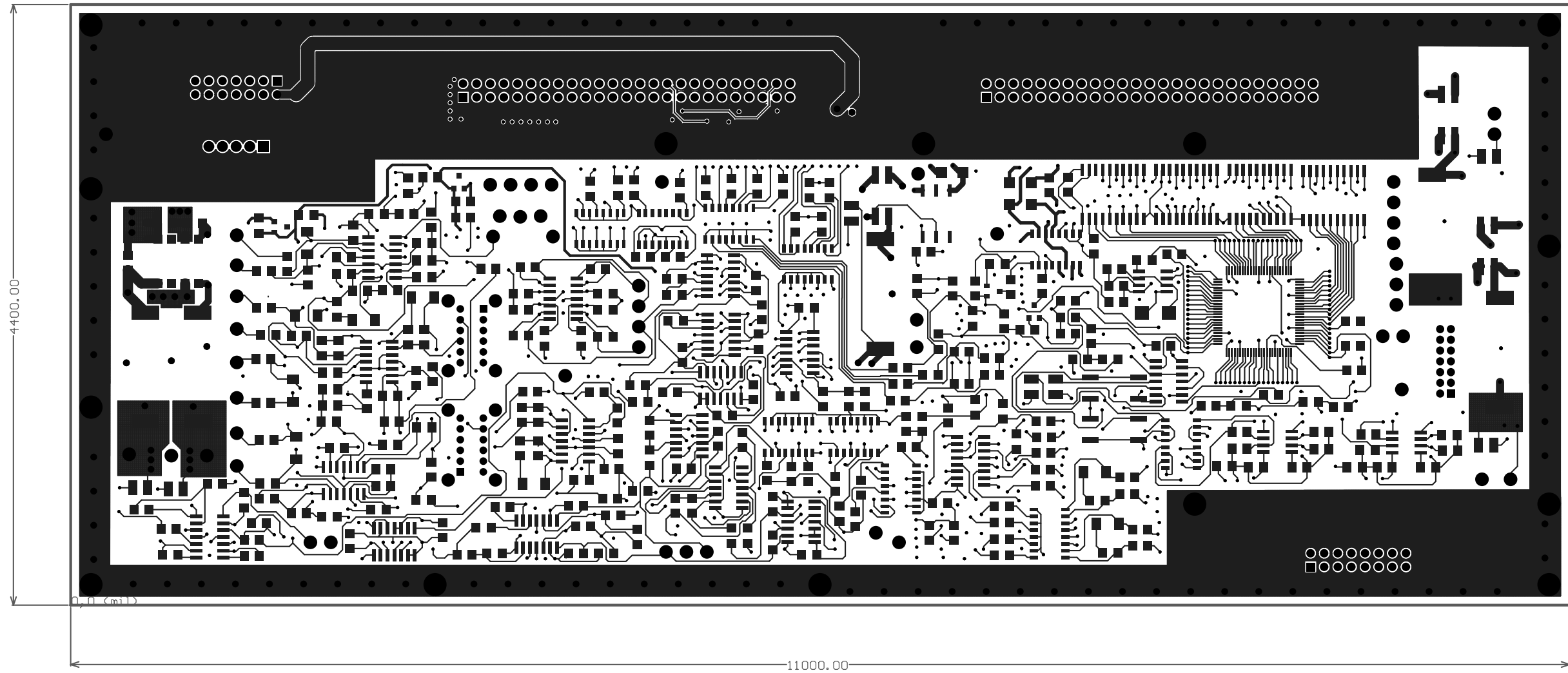


Layer Stack Up Detail for: Safety_Board_PCB_Rev_D.PcbDoc

Layer Name	ANALOG	DIGITAL Areas
L1-TOP	Component/Routing	Component/Routing
L2-Plane	AGND	Various GND
L3-Signal	Routing	Routing
L4-Signal	-15V Plane (pour)	Routing
L5-Plane	+15V	+5V
L6-BOT	Component/Routing	Component/Routing

Top Silkscreen


		University of Hawaii Institute for Astronomy	
DWG #	REV	TITLE	
T3-2071	D	TCS3 Safety Board	
ENGINEER	LAST EDIT	SIZE	SHEET
E. Wambier	3/19/2009	B	1 of 8
FILE NAME: Safety_Board_PCB_Rev_D.PcbDoc			

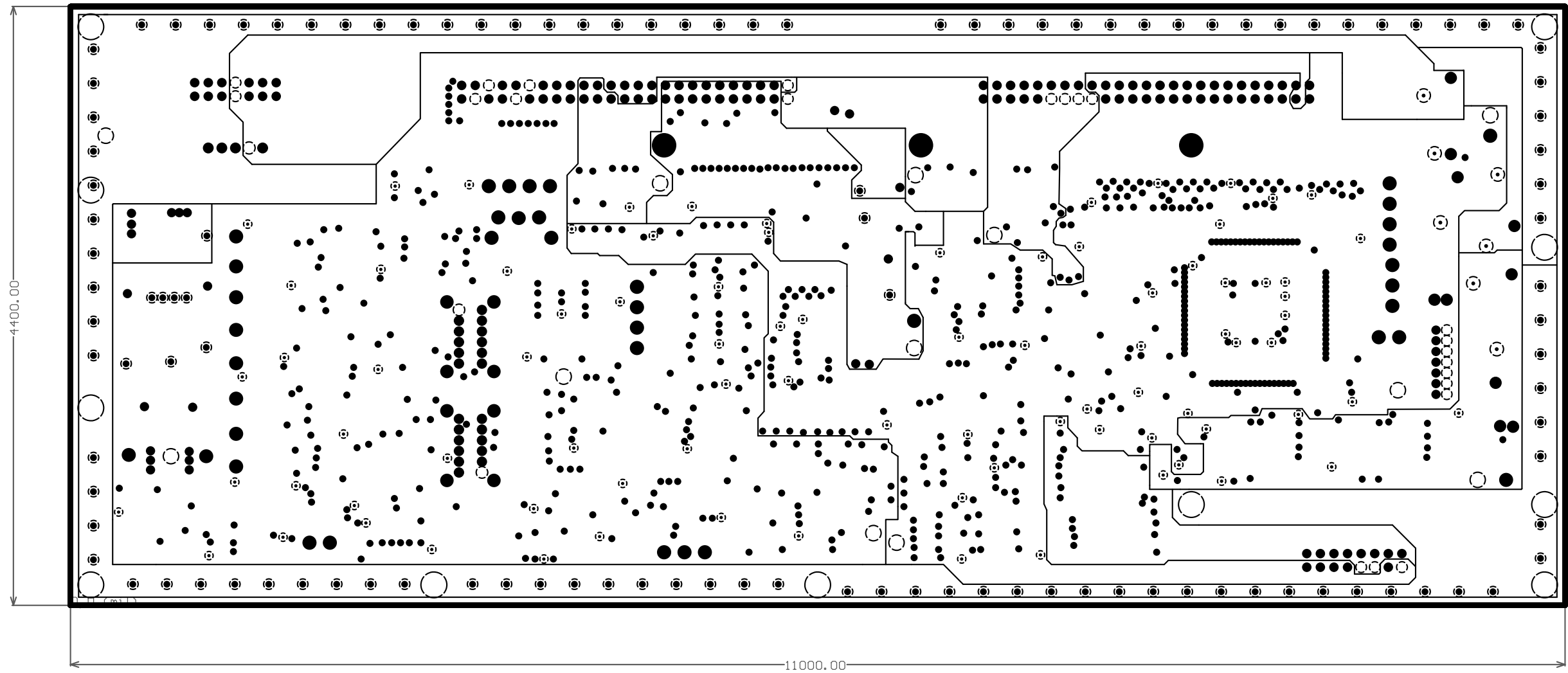


Layer Stack Up Detail for: Safety_Board_PCB_Rev_D.PcbDoc

Layer Name	ANALOG	DIGITAL Areas
L1-TOP	Component/Routing	Component/Routing
L2-Plane	AGND	Various GND
L3-Signal	Routing	Routing
L4-Signal	-15V Plane (pour)	Routing
L5-Plane	+15V	+5V
L6-BOT	Component/Routing	Component/Routing

Layer 1 (Top Layer)

 University of Hawaii Institute for Astronomy		REV	TITLE	
		D	TCS3 Safety Board	
DWG #	ENGINEER	LAST EDIT	SIZE	SHEET
T3-2071	E. Wambier	3/19/2009	B	2 of 8
FILE NAME: Safety_Board_PCB_Rev_D.PcbDoc				




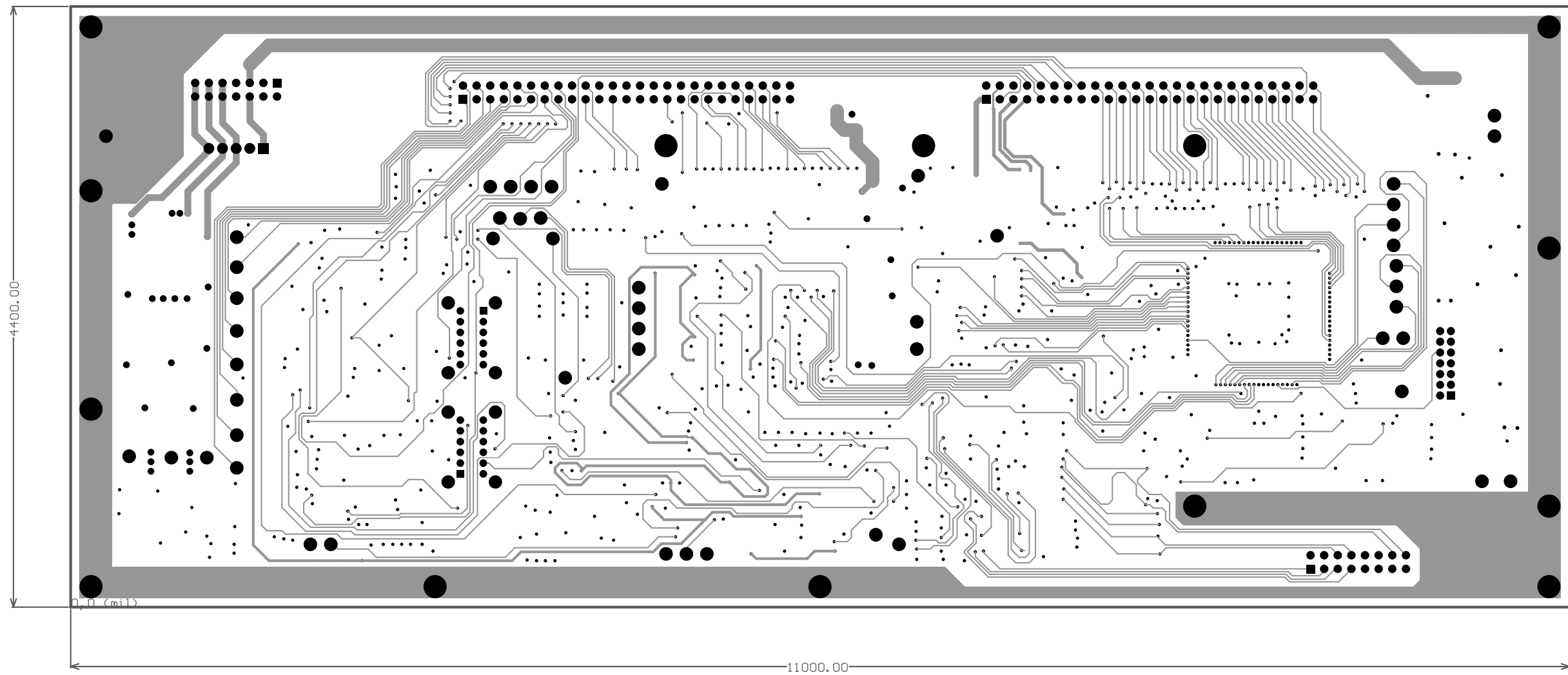
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Layer Stack Up Detail for: Safety_Board_PCB_Rev_D.PcbDoc

Layer Name	ANALOG	DIGITAL Areas
L1-TOP	Component/Routing	Component/Routing
L2-Plane	AGND	Various GND
L3-Signal	Routing	Routing
L4-Signal	-15V Plane (pour)	Routing
L5-Plane	+15V	+5V
L6-BOT	Component/Routing	Component/Routing

Layer 2 (Plane)


		University of Hawaii Institute for Astronomy	
DWG #	REV	TITLE	
T3-2071	D	TCS3 Safety Board	
ENGINEER	LAST EDIT	SIZE	SHEET
E. Wambier	3/19/2009	B	3 of 8
FILE NAME: Safety_Board_PCB_Rev_D.PcbDoc			

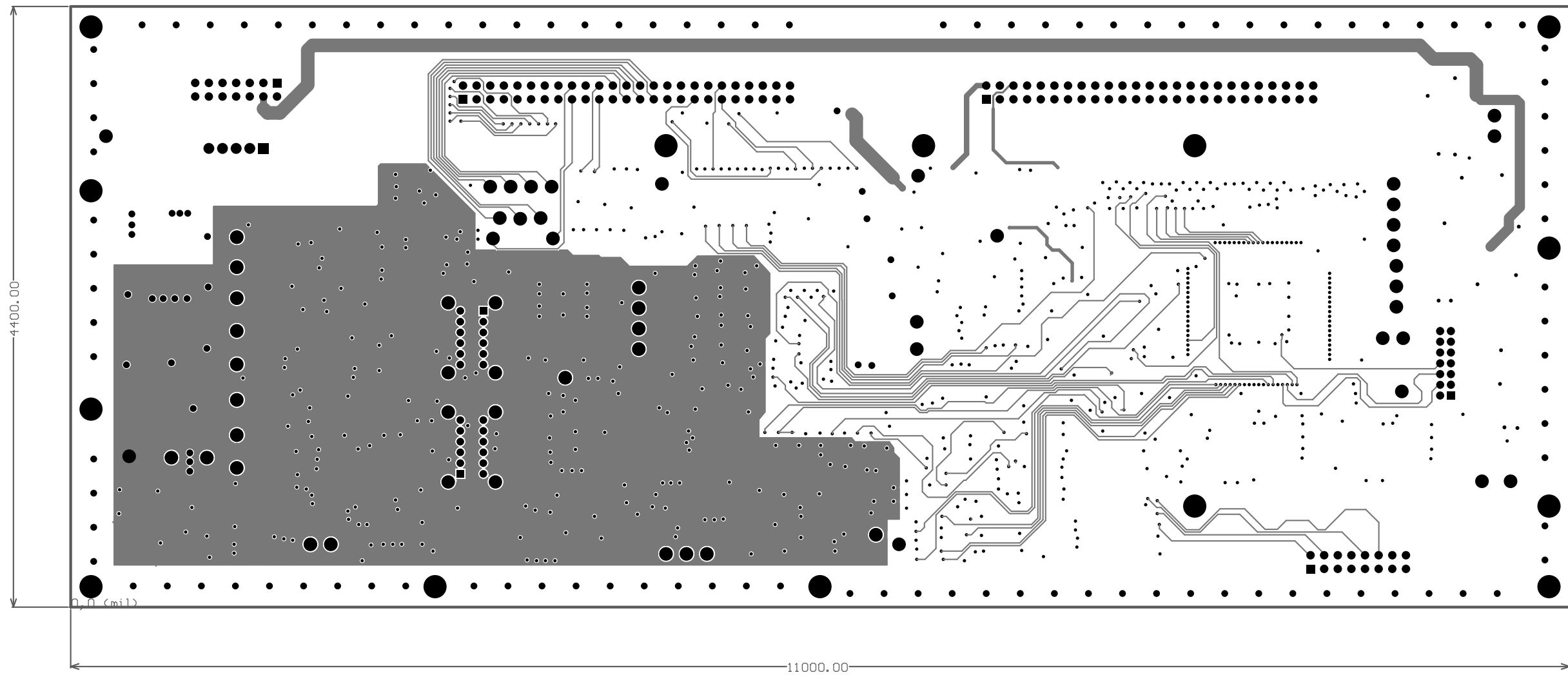


Layer Stack Up Detail for: Safety_Board_PCB_Rev_D.PcbDoc

Layer Name	ANALOG	DIGITAL Areas
L1-TOP	Component/Routing	Component/Routing
L2-Plane	AGND	Various GND
L3-Signal	Routing	Routing
L4-Signal	-15V Plane (pour)	Routing
L5-Plane	+15V	+5V
L6-BOT	Component/Routing	Component/Routing

Layer 3 (Signal)

 University of Hawaii Institute for Astronomy		REV	TITLE
		D	TCS3 Safety Board
DWG #	E. Wambier	LAST EDIT	SIZE
T3-2071		3/19/2009	B
FILE NAME:	SHEET		
Safety_Board_PCB_Rev_D.PcbDoc	4 of 8		



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11000.00

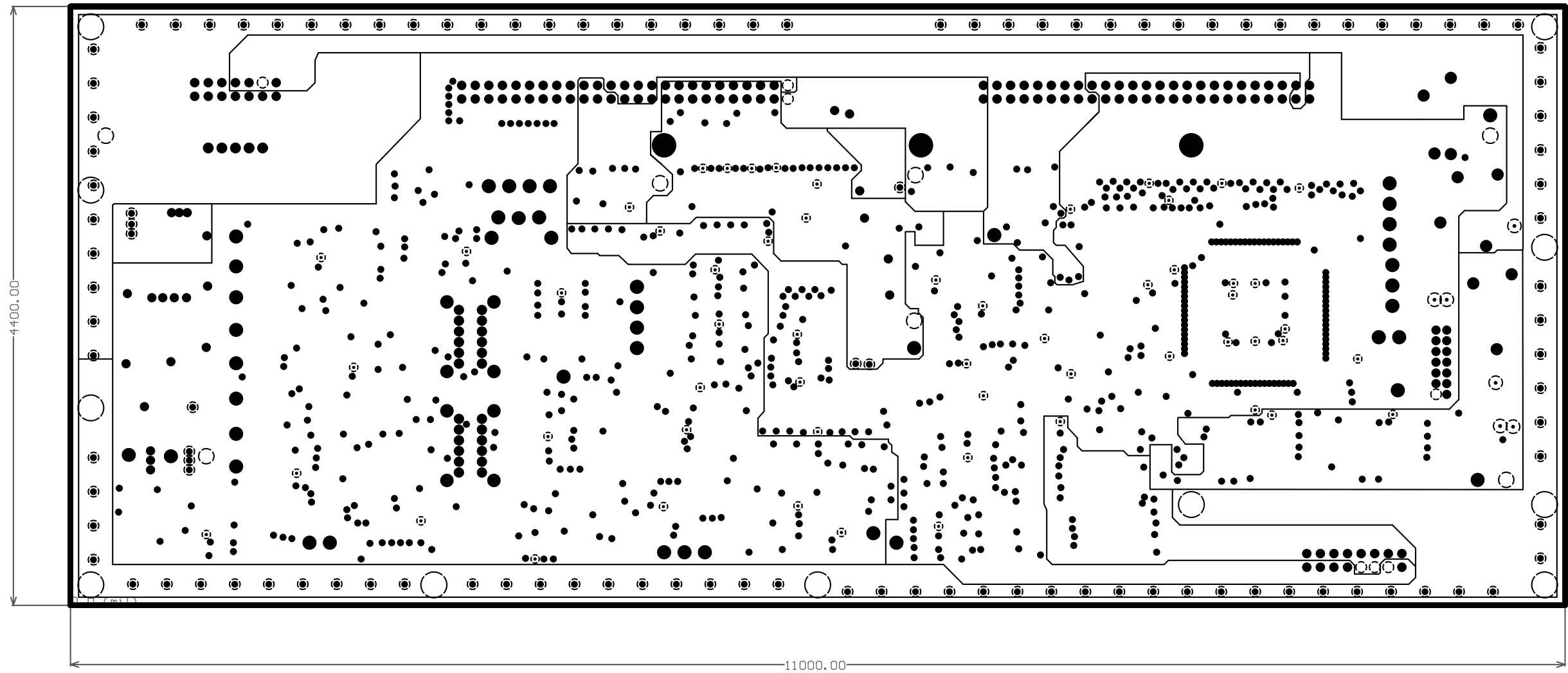
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Layer Stack Up Detail for: Safety_Board_PCB_Rev_D.PcbDoc

Layer Name	ANALOG	DIGITAL Areas
L1-TOP	Component/Routing	Component/Routing
L2-Plane	AGND	Various GND
L3-Signal	Routing	Routing
L4-Signal	-15V Plane (pour)	Routing
L5-Plane	+15V	+5V
L6-BOT	Component/Routing	Component/Routing

Layer 4 (Signal)

		University of Hawaii Institute for Astronomy	
DWG #	REV	TITLE	
T3-2071	D	TCS3 Safety Board	
ENGINEER	LAST EDIT	SIZE	SHEET
E. Wambier	3/19/2009	B	5 of 8
FILE NAME: Safety_Board_PCB_Rev_D.PcbDoc			




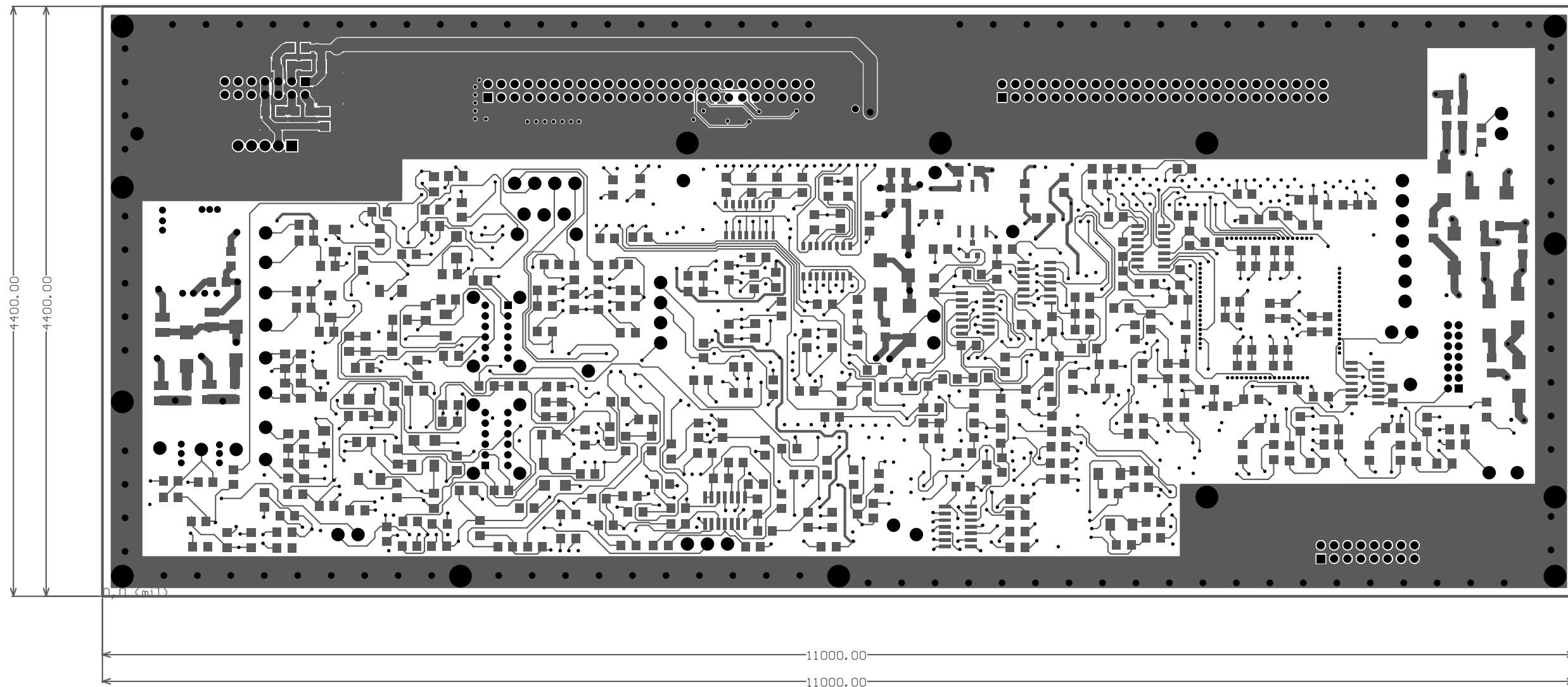
(Planes have negative image)

Layer Stack Up Detail for: Safety_Board_PCB_Rev_D.PcbDoc

Layer Name	ANALOG	DIGITAL Areas
L1-TOP	Component/Routing	Component/Routing
L2-Plane	AGND	Various GND
L3-Signal	Routing	Routing
L4-Signal	-15V Plane (pour)	Routing
L5-Plane	+15V	+5V
L6-BOT	Component/Routing	Component/Routing

Layer 5 (Plane)


 University of Hawaii Institute for Astronomy		REV	TITLE
		D	TCS3 Safety Board
DWG #	E. Wambier	LAST EDIT	SIZE
T3-2071		3/19/2009	B
ENGINEER	FILE NAME:	SHEET	
E. Wambier	Safety_Board_PCB_Rev_D.PcbDoc	6 of 8	

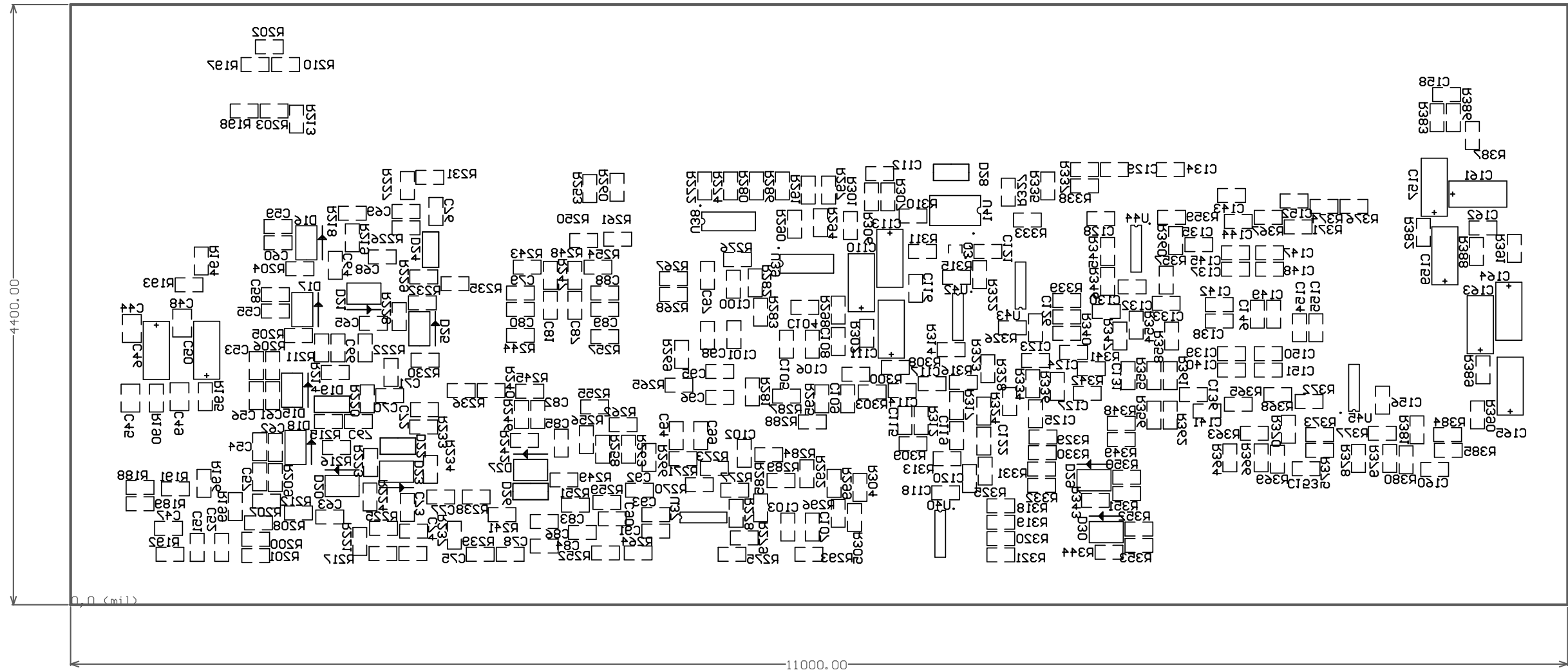


Layer Stack Up Detail for: Safety_Board_PCB_Rev_D.PcbDoc

Layer Name	ANALOG	DIGITAL Areas
L1-TOP	Component/Routing	Component/Routing
L2-Plane	AGND	Various GND
L3-Signal	Routing	Routing
L4-Signal	-15V Plane (pour)	Routing
L5-Plane	+15V	+5V
L6-BOT	Component/Routing	Component/Routing

Layer 6 (Bottom)

		University of Hawaii Institute for Astronomy	
DWG #	REV	TITLE	
T3-2071	D	TCS3 Safety Board	
ENGINEER	LAST EDIT	SIZE	SHEET
E. Wambier	3/19/2009	B	7 of 8
FILE NAME: Safety_Board_PCB_Rev_D.PcbDoc			



Layer Stack Up Detail for: Safety_Board_PCB_Rev_D.PcbDoc

Layer Name	ANALOG	DIGITAL Areas
L1-TOP	Component/Routing	Component/Routing
L2-Plane	AGND	Various GND
L3-Signal	Routing	Routing
L4-Signal	-15V Plane (pour)	Routing
L5-Plane	+15V	+5V
L6-BOT	Component/Routing	Component/Routing

Bottom Silkscreen

		University of Hawaii Institute for Astronomy		
		DWG # T3-2071	REV D	TITLE TCS3 Safety Board
ENGINEER E. Wambier		LAST EDIT 3/19/2009	SIZE B	SHEET 8 of 8
FILE NAME: Safety_Board_PCB_Rev_D.PcbDoc				