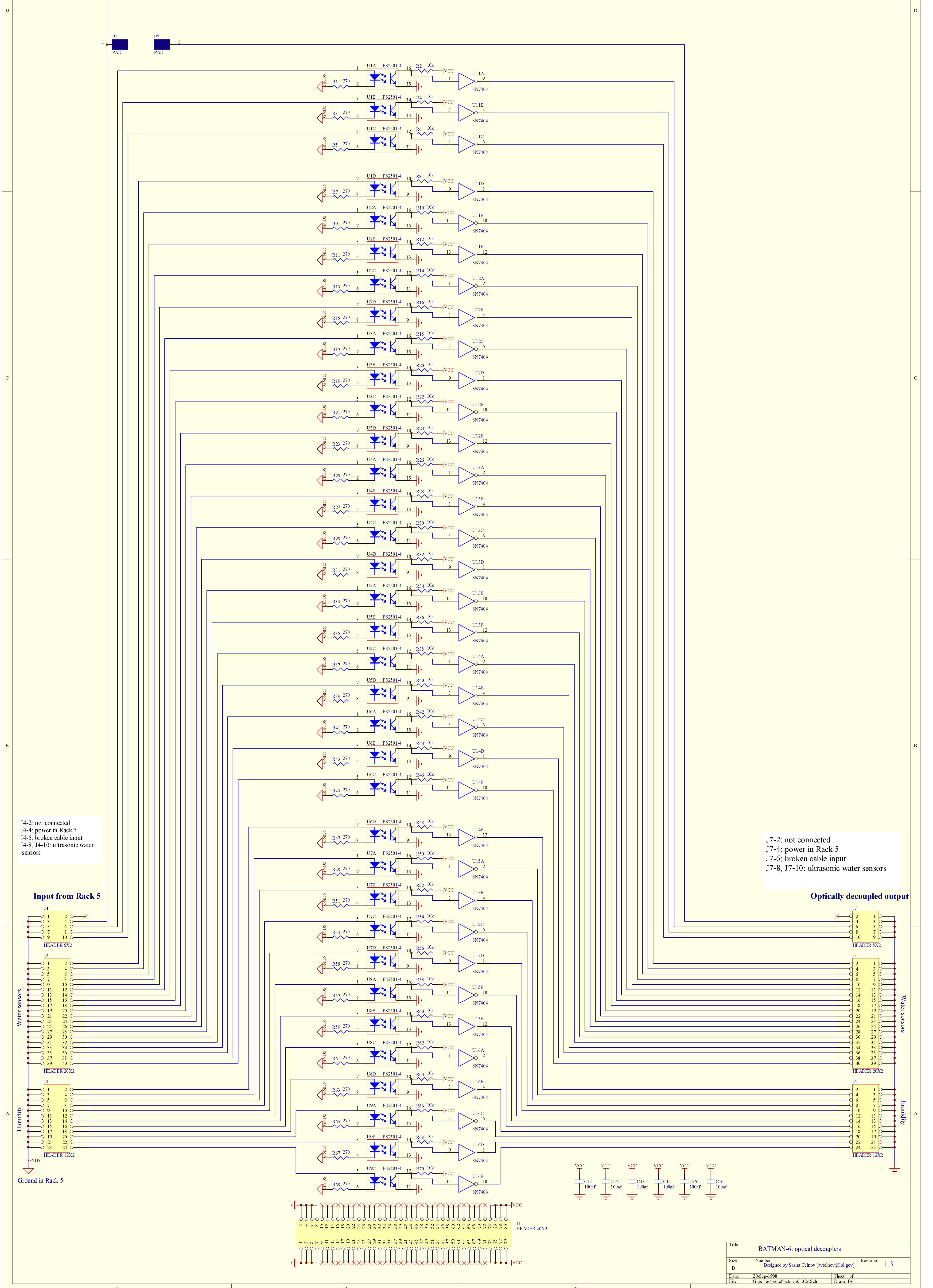
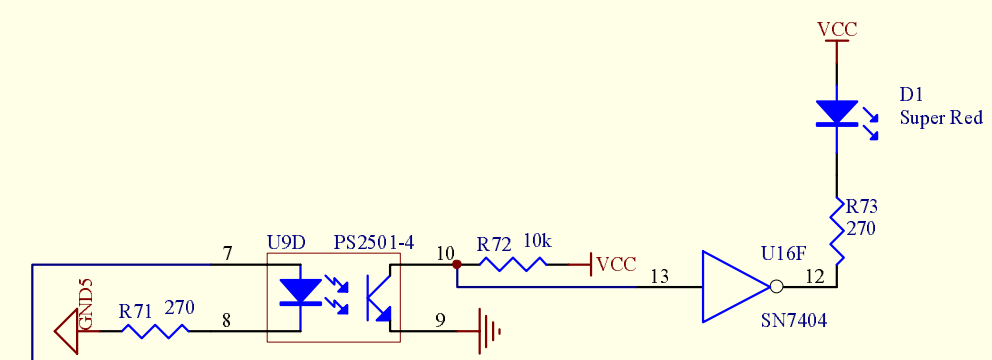


We have abandoned the idea to monitor power in Rack 5 from Rack 38 by building some kind of differential amplifier with gain 1 on this board. Instead, we will measure power in Rack 5 with a GMB.

Here we have two alternatives. The first one is to connect P1 and P2 to let VCC_RACK_5 go directly to the rest of the BATMAN system. This would be possible only if grounds in Rack 5 and Rack 38 are the same, which is very doubtful.

The second alternative is to monitor power presence (without a possibility to actually measure it) using an optocoupler. Look at the red LED on this board.

Absence of power in Rack 5



J4-2: not connected
 J4-4: power in Rack 5
 J4-6: broken cable input
 J4-8, J4-10: ultrasonic water sensors

J7-2: not connected
 J7-4: power in Rack 5
 J7-6: broken cable input
 J7-8, J7-10: ultrasonic water sensors

Input from Rack 5

Optically decoupled output

Title			
BATMAN-6: optical decouplers			
Size	Number	Revision	1.3
B	Designed by Sasha Telnov (avtelnov@fbi.gov)		
Date:	20-Sep-1998	Sheet of	
File:	G:\telnov\prote\batman6_02y.Sch	Drawn By:	