

Shepard Test Stand - Feature # 153: Switch to 5 Volt Version of MLX90614 IR Sensor

Status:	In Progress	Priority:	Normal
Author:	Jeremy Wright	Category:	
Created:	07/30/2013	Assignee:	Jeremy Wright
Updated:	09/18/2013	Due date:	
Subject:	Switch to 5 Volt Version of MLX90614 IR Sensor		
Description			
There are both 3.3 volt and 5 volt versions of the MLX non-contact IR sensor we're using. We currently have the 3.3 volt version for Shepard v1.1. We need to switch to the 5 volt version so that it and the load cell can be on a common voltage.			

History

09/18/2013 10:50 am - Jeremy Wright

- Status changed from New to In Progress
- Estimated time set to 3.00

I've swapped this sensor out for the 3.3 volt version in a breadboarded circuit, and they work the same. Only the supply voltage is different, as I expected. I need to build a complete sensor setup to send to J for QA testing to be sure it works properly in live testing though.