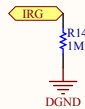
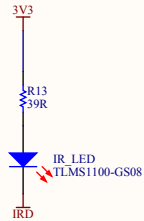
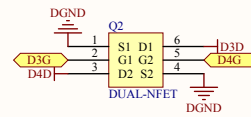
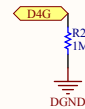
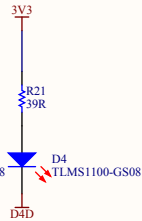


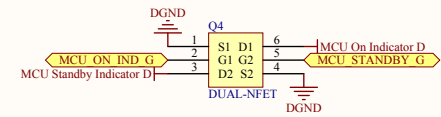
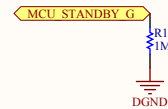
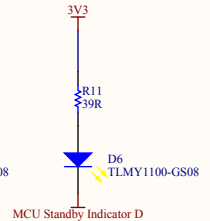
IR Weapon



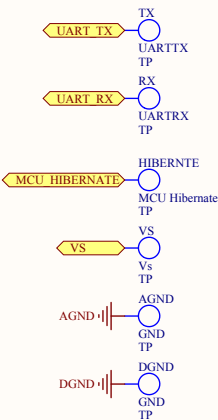
Debug LEDs



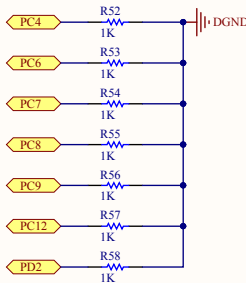
MCU Status Indicators



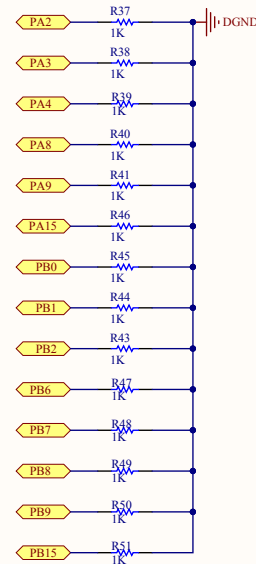
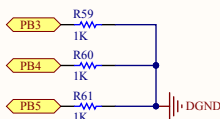
Test Points



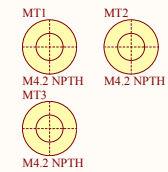
Unused GPIO




The safest way to configure the unused GPIO was to connect them to GND via a resistor. The GPIO are then configured as inputs to minimise power losses. The resistors are necessary just in case any of these pins are accidentally configured as outputs in software which could result in the chip being damaged.



Mounting Holes



Title LEDs GPIO TP_s		ECE Department University of Canterbury Christchurch 8041 New Zealand	 UC UNIVERSITY OF CANTERBURY <small>Te Whare Wānanga o te Upoko o te Ika</small>
Drawn by: Scott Camp and Finn Molloy	Revision: 1		
Date: 11/03/2018	Time: 13:11:15		
File: C:\Users\biogensu\Desktop\Camera-Mounted-Bluetooth-RC-Car\STM32_Comms_Schematics\Debug_SchDoc			