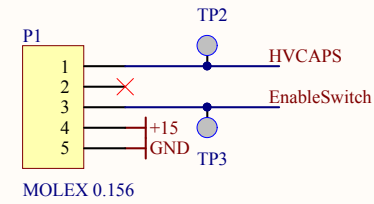
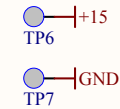
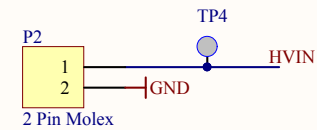


Mates With Mouser Part 538-09-93-0500



500VDC MAX  
~20 Sec.ChargeTime

Mates With Mouser Part 538-09-93-0200



- Part1  
Board Standoff  
Digikey Part Number: 2260-2K-ND
- Part2  
Board Standoff  
Digikey Part Number: 2260-2K-ND
- Part3  
Board Standoff  
Digikey Part Number: 2260-2K-ND
- Part4  
Board Standoff  
Digikey Part Number: 2260-2K-ND
- Part5  
TO220 Heatsink  
Digikey Part Number: HS404-ND
- Part6  
TO220 Heatsink  
Digikey Part Number: HS404-ND
- Part7  
5-pin Molex Mate  
Mouser Part Number: 538-09-93-0500
- Part8  
5-pin Molex Mate  
Mouser Part Number: 538-09-93-0500
- Part9  
2-pin Molex Mate  
Mouser Part Number: 538-09-93-0200
- Part10  
2-pin Molex Mate  
Mouser Part Number: 538-09-93-0200

Last Edited: 7/3/2014

Title  
***HV Discharge Ckt.***

LIGO Project  
California Institute of Technology  
Massachusetts Institute of Technology

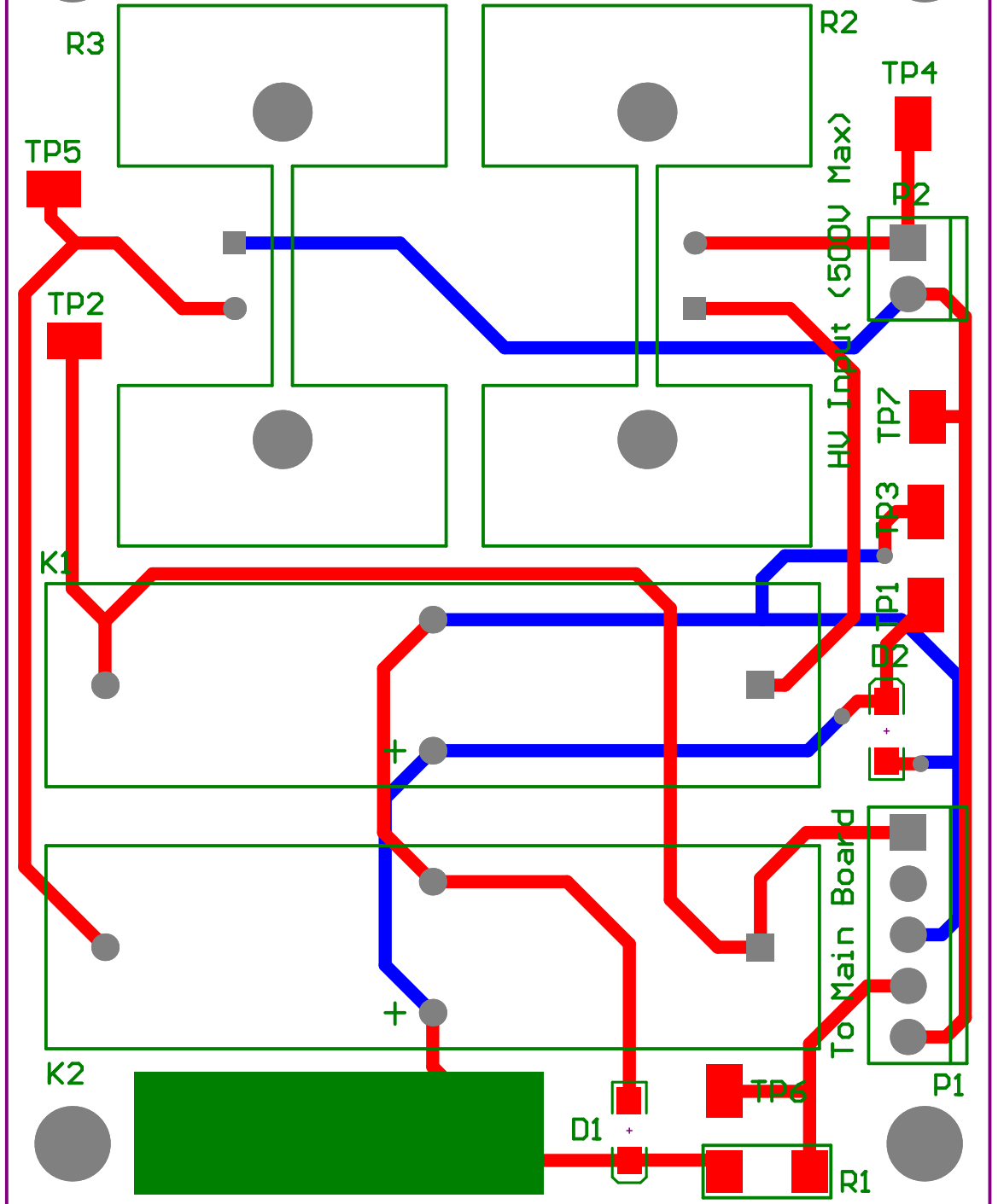


Size: A    DCC Number: D1400209    Revision: v1

Engineer: R. Abbott

Date: 7/3/2014  
Time: 12:55:30 PM

# Fast Shutter HV Discharge Board D1400209-v1



Comment	Description	Designator	Digikey Part Number	Quantity	Mouser Part Number
Diode	Default Diode	D1, D2	SE20AFJ-M3/6AGIC1-ND	2	
HV_NO_Relay	Normally Open HV Relay	K1	725-1047-ND	1	
HV_NC_Relay	Normally Closed HV Relay	K2	725-1049-ND	1	
MOLEX 0.156	Header, 5-Pin	P1	WM5227-ND	1	
2 Pin Molex	Header, 2-Pin	P2	WM5235-ND	1	
Board Standoff	Something I don't want to forget	Part1, Part2, Part3, Part4	2260-2K-ND	4	
TO220 Heatsink	Something I don't want to forget	Part5, Part6	HS404-ND	2	
2-pin Molex Mate, 5-pin Molex Mate	Something I don't want to forget	Part7, Part8, Part9, Part10		4	538-09-93-0200 , 538-09-93-0500
20 ohm, 2.5W	Resistor	R1	PHP20.0BCT-ND	1	
10K, 35W	Resistor	R2, R3	696-1330-ND	2	
TESTPT	PCB Testpoint	TP1, TP2, TP3, TP4, T	5019KCT-ND	7	