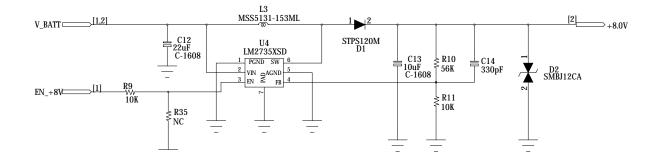
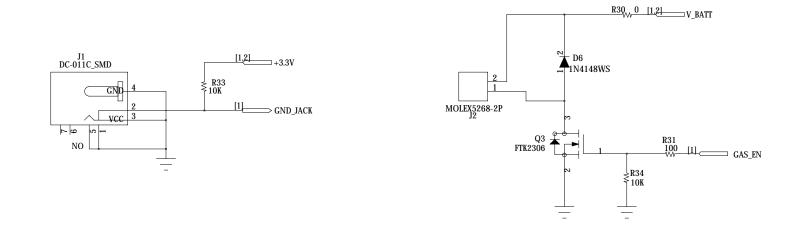


DRAWN By:	Company Name: Femto Science Inc.		
CHECKED By:	Model Name: Plasma Pipette	Main	
DATE: 2019-03-15	Sheet Name: MCU		
Revision: V3.0	TEAM: HW Team	PAGE: 1/2	

## **Battery Connector Transformer Connector** [1,2] V\_BATT +8.0V PULSE\_OUT2 PULSE\_OUT1 MOLEX5268-2P [1] KEY\_OP C1 10uF C-1608 R36<sub>W</sub>0 R2 ────── 5.1K **USB** Connector J4 HI05-AG0272 U2 MCP73831T\_2ACIOT L2 F0603E2R50FSTR USB\_VBUS F-1608 USB-₹ R7 10K C4 C5 470pF 4.7uF USB+ \_\_[1]\_\_\_\_\_\_\_\_ BAT\_ADC R24 0 [1] SYS\_SWDIO | | R8 | 30K GND R25<sub>0</sub> 0 [1] (\$\frac{1}{2}\) (\$\frac{1}{2}\) (\$\frac{1}{2}\) (\$\frac{1}{2}\) (\$\frac{1}{2}\) Connect to negative terminal of battery CHG\_STA C\_\_\_\_\_[1] Q5 PMBT2222 R28 10K [1] CHG\_CTRL



Plasma Gen Power



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DATE: 2019-03-15	Sheet Name: GENERATOR	
Revision: V3.0	TEAM: HW Team	PAGE: 2 / 2