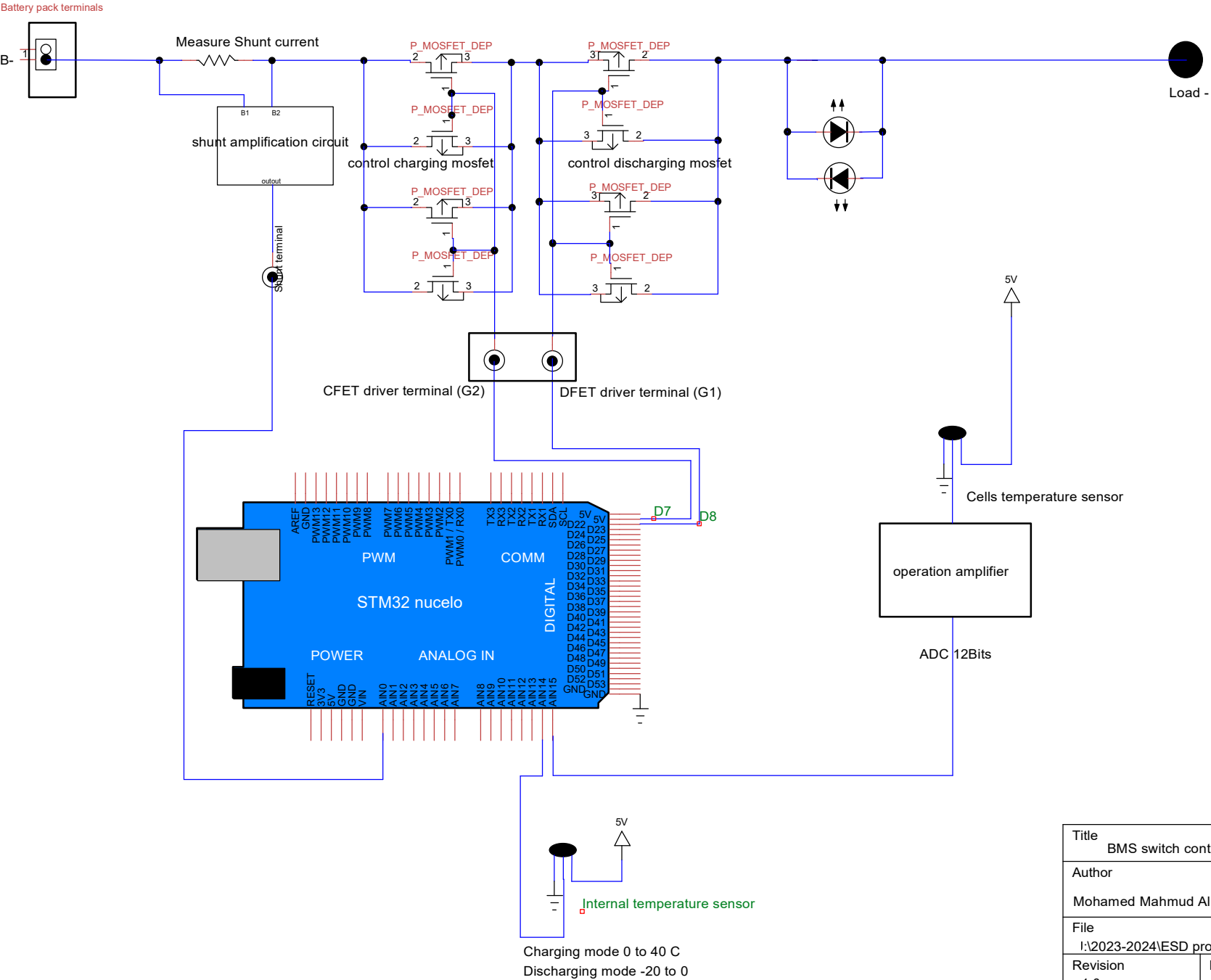
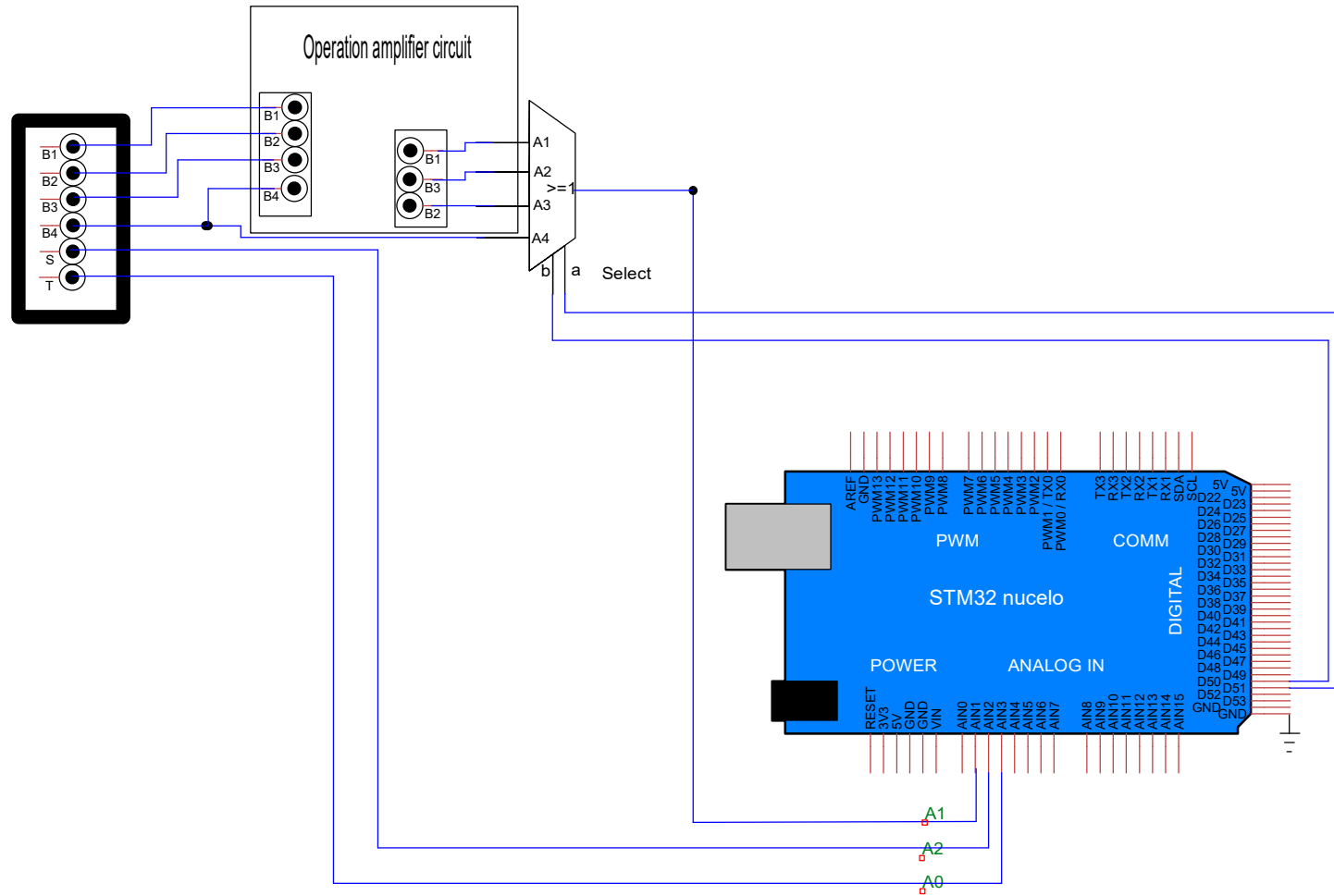


Title Battery Pack		
Author Mohamed Mahmud Ali		
File I:\2023-2024\ESD programming an ... tCad2.dsn		Document
Revision 1.0	Date	Sheets 1 of 1



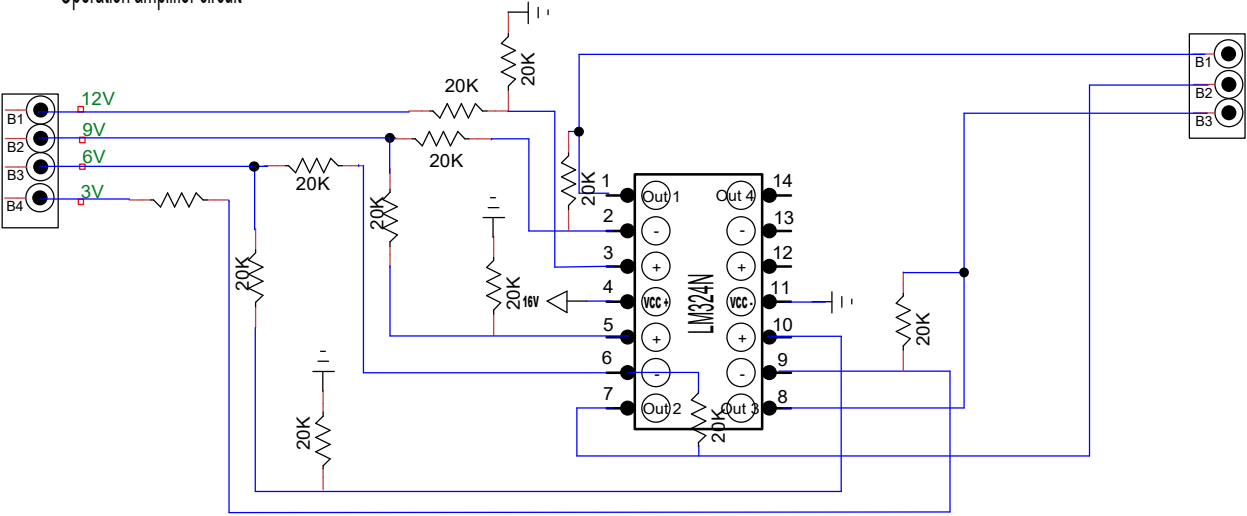
Title BMS switch control		
Author Mohamed Mahmud Ali		
File I:\2023-2024\ESD programming an ... tCad2.dsn		Document
Revision 1.0	Date	Sheets 3

## Battery balancing terminals

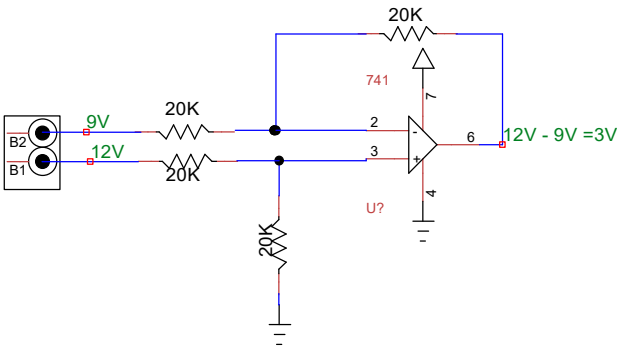


Title		
MUX Connections		
Author		
Mohamed Mahmud Ali		
File		Document
I:\2023-2024\ESD programming an ... tCad2.dsn		
Revision	Date	Sheets
1.0		2

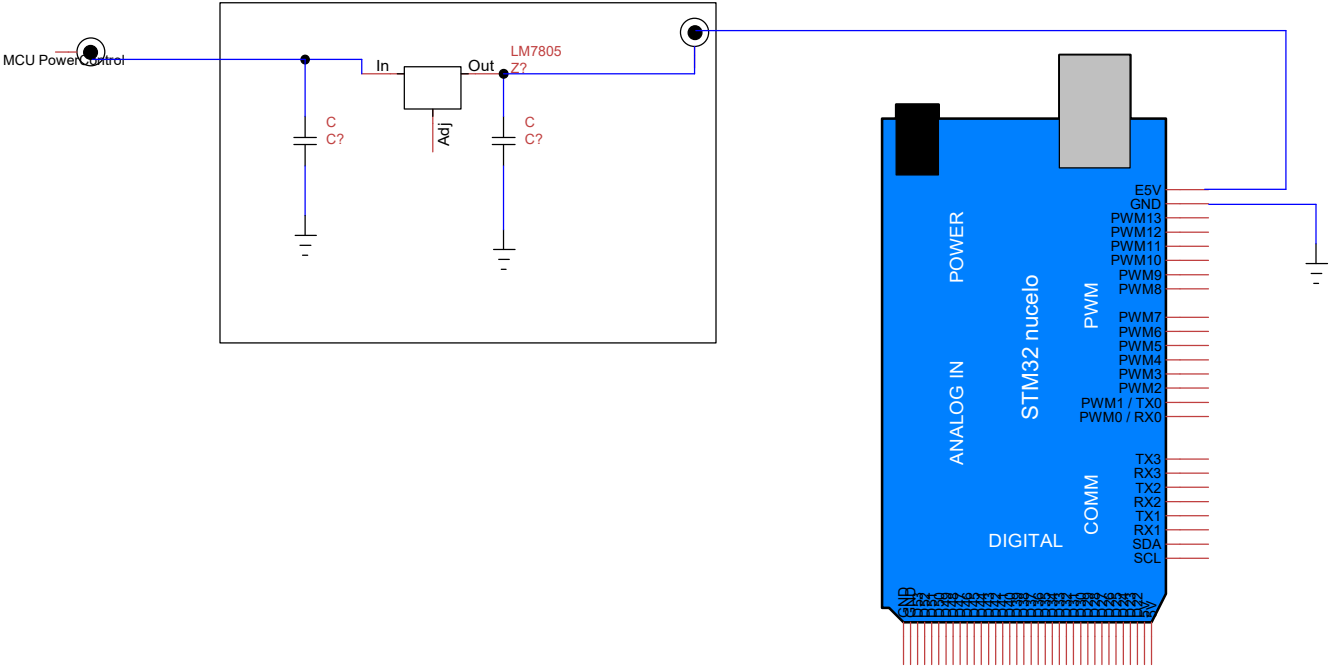
Operation amplifier circuit



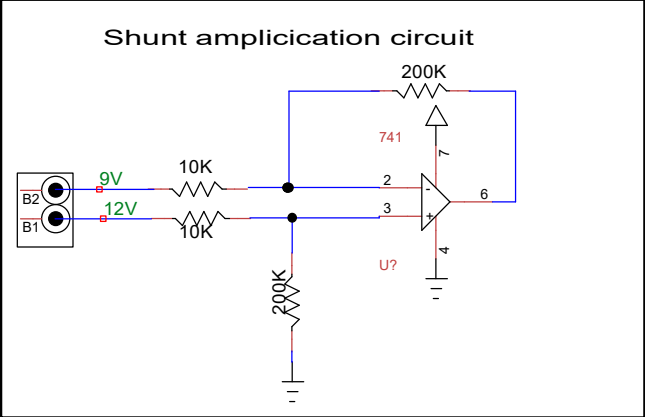
Circuit with one difrentioal amplifier example



Title Cell Voltages		
Author Mohamed Mahmud Ali		
File I:\2023-2024\ESD programming an ... tCad2.dsn		Document
Revision 1.0	Date	Sheets 4



Title MCU power control		
Author Mohamed Mahmud Ali		
File I:\2023-2024\ESD programming an ... tCad2.dsn		Document
Revision 1.0	Date	Sheets 5



Current will be calculated based on Ohm's law  $V=I \cdot R$

Title Shunt amplification circuit		
Author Mohamed Mahmud Ali		
File I:\2023-2024\ESD programming an ... tCad2.dsn		Document
Revision 1.0	Date	Sheets 6