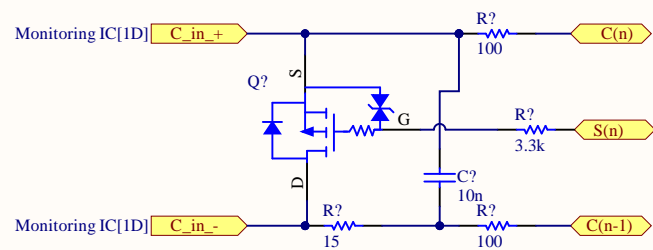

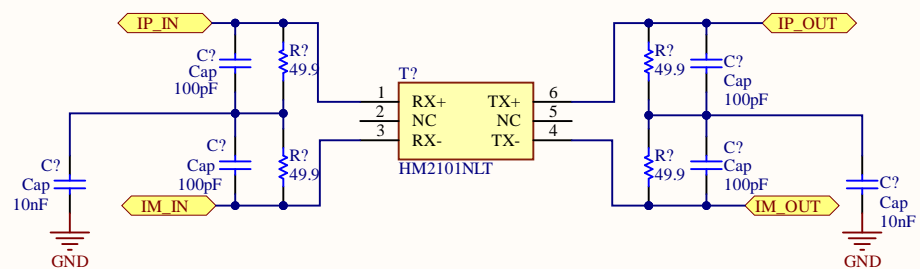



Title: *		Waterloop 200 University Ave W Engineering 5, 1104 Waterloo, ON N2L 3G1	
Size: A4	Author: *		WATERLOOP
Date: 2022-10-27	Revision: *	Sheet 1 of 4	
File: Monitoring IC.SchDoc			

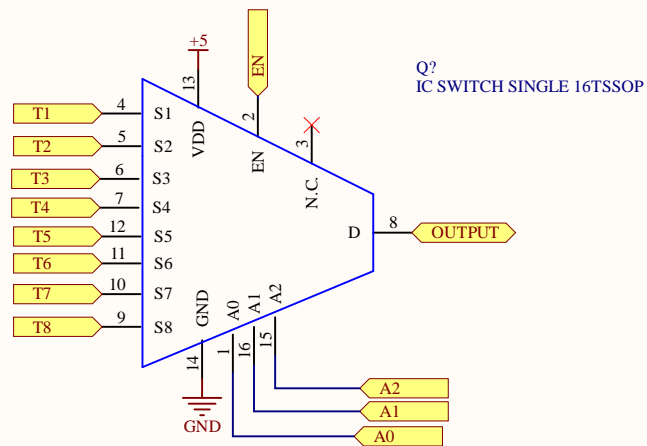



Title: *			Waterloop 200 University Ave W Engineering 5, 1104 Waterloo, ON N2L 3G1	
Size: A4	Author: *			
Date: 2022-10-27	Revision: *	Sheet 2 of 4		
File: Cell Balancing.SchDoc				



Title: *			Waterloop 200 University Ave W Engineering 5, 1104 Waterloo, ON N2L 3G1	
Size: A4	Author: *			
Date: 2022-10-27	Revision: *	Sheet 3 of 4		
File: Transformer Stage.SchDoc				





Title: *			Waterloop 200 University Ave W Engineering 5, 1104 Waterloo, ON N2L 3G1		
Size: A4	Author: *				
Date: 2022-10-27	Revision: *	Sheet 4 of 4			
File: THERMISTOR_SHEET.SchDoc					

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C?, C?_CELL2, C?_CELL3, C?_CELL5, C?_CELL6, C?_CELL7, C?_CELL8, C?_CELL9, C?_CELL10, C?_CELL11, C?_CELL41, C?_CELL42, C?_Port A Transformer, C?_Port B Transformer	RAD-0.3	Cap	28
IC SWITCH SINGLE 16TSSOP	1 Circuit IC Switch 8:1 30hm (Typ) 16-TSSOP	Q?	SOT50P160X90-3N	TMUX1208PWR	1
TRANS NPN 160V 0.6A POWERDI5	Bipolar (BJT) Transistor NPN 160 V 600 mA 130MHz 2.25 W Surface Mount PowerDI™ 5	Q?		DXT5551P5-13	1
MOSFET P-CH 20V 660MA SOT723	P-Channel 20 V 660mA (Ta) 310mW (Ta) Surface Mount SOT-723	Q?_CELL2, Q?_CELL3, Q?_CELL5, Q?_CELL6, Q?_CELL7, Q?_CELL8, Q?_CELL9, Q?_CELL10, Q?_CELL11, Q?_CELL41, Q?_CELL42		NTK3139PT1G	11
Resistor	Resistor	R?, R?_CELL2, R?_CELL3, R?_CELL5, R?_CELL6, R?_CELL7, R?_CELL8, R?_CELL9, R?_CELL10, R?_CELL11, R?_CELL41, R?_CELL42, R?_Port A Transformer, R?_Port B Transformer	0603 - Resistor	Resistor	55
HM2101NLT	Pulse Transformer 1:1 Surface Mount 150μH, 450μH	T?_Port A Transformer, T?_Port B Transformer	HM2101NLT	HM2101NLT	2
LTC6811HG- 1#3ZZTRPBF	Multicell Battery Balancer 5.7V Automotive 48-Pin SSOP T/R	U?	LTC6811IG-2#3ZZPBF	LTC6811HG- 1#3ZZTRPBF	1