

Voltage Divider Arduino LiPo Cell Voltages Measurement

V_{\max}/cell	# cells	V_{\max}	kiloOhm		V_{ADC}	Factor	Check
			R1 (to positive)	R2 (to negative)			
4,25	1	4,25	20	6,8	1,0784	3,9412	4,25
4,25	2	8,50	15	2,2	1,0872	7,8182	8,50
4,25	3	12,75	22	2	1,0625	12,0000	12,75
4,25	4	17,00	22	1,5	1,0851	15,6667	17,00

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V_{\max}/cell	# cells	V_{\max}	kiloOhm		V_{ADC}	Factor	Check
			R1 (to positive)	R2 (to negative)			
4,25	1	4,25	20,14	6,775	1,0698	3,9727	4,25
4,25	2	8,50	14,88	2,177	1,0849	7,8351	8,50
4,25	3	12,75	21,9	1,97	1,0523	12,1168	12,75
4,25	4	17,00	21,73	1,497	1,0957	15,5157	17,00