Bill of Materials:

Component	Qty	Availability	Outlay	Cost	
Resistors					
100	1	On-hand	–		
300	1	On-hand	–		
10k	3	On-hand	–		
20k	3	On-hand	–		
Fuses					
Fuse socket ATM, horizontal entry, THT	4	Readily available	$1.10 ea[1]	4 x 1.10 =	$4.40
ATM Fuse, 2A	3	Readily available	$1.63 ea[2]	3 x 1.63 =	$4.89
ATM Fuse, 7.5A	1	Readily available	$1.63 ea[3]		$1.63
Connectors					
3-pin JST connector (In)	2	On-hand/Readily available	*		
3-pin JST connector (Out)	2	On-hand/Readily available	$9.99 / 20[4]	4 x 0.49 =	$1.99
5-Pin Flat vehicle wiring harness	1	Readily Available	$10.43[5]		$10.43
Microcontroller					
Arduino Nano	1	On-hand/Readily available	$17.99 / 3[6]		$5.99
LED Pixels					
12v WS2811 RGB LED and driver	68	On-hand; I will supply	$27.70 / 50[7]	68 x 0.554 =	$37.67
Total			$85.68		$67.72
My Contribution			$74.76		$56.08
Balance to VT Tech			$10.92		$10.92

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1   https://www.mouser.com/ProductDetail/Keystone-Electronics/3549-2?qs=fP5bVVCrK%2Fei3gwwxH1JKw%3D%3D
2   https://www.mouser.com/ProductDetail/Bussmann-Eaton/BK-ATM-2?qs=WtG364jHAdxd0C9cW4NkGg%3D%3D
3   https://www.mouser.com/ProductDetail/Bussmann-Eaton/BK-ATM-7-1-2?qs=ar9f0rk5DXCYsx2fBbU1Zg%3D%3D
4   https://www.amazon.com/ALITOVE-Female-Connector-WS2812B-SK6812-RGBW/dp/B071H5XCN5
5   https://www.amazon.com/dp/B001EOV2X0?psc=1
6   https://www.amazon.com/AITRIP-Arduino-ATmega328P-Controller-ArduinoIDE/dp/B08C9ZVF51
7   https://www.amazon.com/Individually-Addressable-Diffused-Changing-Waterproof/dp/B08L8WXP7T