Calibration / Master Write

Request / Master Read

Function	Address	Data	Byte #:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Temperature Slope	0x01	int16_t	Information	Firmware Version	Cell Voltage (mV)	Cell Voltage (mV)	Cell Temperature (C°)	Cell Temperature (C°)	Cell Position (mV)	Cell Position (mV)	Balance Current (mA)	Balance Current (mA)	Debug LED Status	Balance Active	Balance Duty Cycle (%)	Balance Frequency (Hz)	Balance Frequency (Hz)	Temperature Slope	Temperature Slope	Temperature Offset	Temperature Offset	Balance Current Slope	Balance Current Slope	Balance Voltage Slope	Balance Voltage Slope
Temperature Offset	0x02	int16_t	Type	int8_t	First 8 bits (LSB) - uint16_t	Last 8 bits (MSB) - uint16_t	First 8 bits (LSB) - uint16_t	Last 8 bits (MSB) - uint16_t	First 8 bits (LSB) - uint16_t	Last 8 bits (MSB) - uint16_t	First 8 bits (LSB) - uint16_t	Last 8 bits (MSB) - uint16_t	int8_t (bool)	int8_t (bool)	int8_t (1/2.56 of a percent)	First 8 bits (LSB) - uint16_t	Last 8 bits (MSB) - uint16_t	First 8 bits (LSB) - int16_t	Last 8 bits (MSB) - int16_t	First 8 bits (LSB) - int16_t	Last 8 bits (MSB) - int16_t	First 8 bits (LSB) - int16_t	Last 8 bits (MSB) - int16_t	First 8 bits (LSB) - int16_t	Last 8 bits (MSB) - int16_t
Balance Current Slope	0x03	int16_t	Notes	TBD	Millivolts without decimal point		Tenth of a degree C		Millivolts without decimal point		Milliamperes without decimal point		0 or 1	0 or 1	0 - 256 integer, get % by dividing by 256	0 - 65535 Hz		-32768 - 32768 and divide by 100 to get actual slope		-32768 - 32768 and divide by 100 to get actual slope		-32768 - 32768 and divide by 100 to get actual slope		-32768 - 32768 and divide by 100 to get actual slope	
Balance Voltage Slope	0x04	int16_t		Normal Data	Debug Data	NOT IMPLEMENTED YET																			
Balance Active	0x11	int16_t																							
Balance Duty Cycle (%)	0x12	int16_t																							
Balance Frequency	0x13	uint16_t																							
Force Balancing Mode	0x14	int16_t		TODO: Update this, getting rid of Debug Mode, just requesting # of bits wanted																					
Debug LED	0x23	int16_t																							