Qwiic Quad Solid State Relay Register Map

Byte Number	HEX	Register Name	Type	Read/Write	Power On Reset	Description
1	0x01	TOGGLE_RELAY_ONE	byte	Write Only		Toggles relay one to the opposite state.
2	0x02	TOGGLE_RELAY_TWO	byte	Write Only		Toggles relay two to the opposite state.
3	0x03	TOGGLE_RELAY_THREE	byte	Write Only		Toggles relay three to the opposite state.
4	0x04	TOGGLE_RELAY_FOUR	byte	Write Only		Toggles relay four to the opposite state.
5	0x05	RELAY_ONE_STATUS	byte	Read Only		Returns 1 if relay one is on, 0 if off.
6	0x06	RELAY_TWO_STATUS	byte	Read Only		Returns 1 if relay two is on, 0 if off.
7	0x07	RELAY_THREE_STATUS	byte	Read Only		Returns 1 if relay three is on, 0 if off.
8	0x08	RELAY_FOUR_STATUS	byte	Read Only		Returns 1 if relay four is on, 0 if off.
10	0x0A	TURN_ALL_OFF	byte	Write Only		Turn all relays off
11	0x0B	TURN_ALL_ON	byte	Write Only		Turn all relays on.
12	0x0C	TOGGLE_ALL	byte	Write Only		Toggle all relays to the opposite state.
16	0x10	RELAY_ONE_PWM	byte	R/W		PWM value for relay one. Valid range is 0 to 120. Writing this register sets the current PWM value. Reading returns value set.
17	0x11	RELAY_TWO_PWM	byte	R/W		PWM value for relay two. Valid range is 0 to 120. Writing this register sets the current PWM value. Reading returns value set.
18	0x12	RELAY_THREE_PWM	byte	R/W		PWM value for relay three. Valid range is 0 to 120. Writing this register sets the current PWM value. Reading returns value set.
19	0x13	RELAY_FOUR_PWM	byte	R/W		PWM value for relay four. Valid range is 0 to 120. Writing this register sets the current PWM value. Reading returns value set.
199	0xC7	i2cAddress	byte	R/W	NVM/User Set	Value between 0x08 and 0x77 (inclusive) that is the address of this device. Overridden if ADR jumper is opened (address becomes ADR + 1). Default address is 0x08.