

Register Table

Name	Address	Data Length	Data Type	Unit	Description
input voltage	0	2	u16	mV	-
input current	2	2	u16	mA	-
output voltage	4	2	u16	mV	-
output current	6	2	u16	mA	-
battery voltage	8	2	u16	mV	-
battery current	10	2	i16	mA	-
battery percentage	12	1	u8	%	-
battery capacity	13	2	u16	mAh	-
power source	15	1	u8	-	0, battery isn't supplying power; 1, battery is supplying power;
is usb plugged	16	1	u8	-	0, usb is unplugged; 1, usb is plugged in;
RESERVED	17	1	-	-	
is charging	18	1	u8	-	0, not charging; 1, charging;
fan power	19	1	u8	-	0 ~ 100
shutdown request	20	1	u8	-	1, Key shutdown request; 1, Low battery shutdown request;
firmware version major	128	1	u8	-	-
firmware version minor	129	1	u8	-	-
firmware version patch	130	1	u8	-	-

rst code	131	1	u8	-	mcu reset reason Code
rtc year	132	1	u8	-	-
rtc month	133	1	u8	-	-
rtc day	134	1	u8	-	-
rtc hour	135	1	u8	-	-
rtc minute	136	1	u8	-	-
rtc second	137	1	u8	-	-
rtc ssec	138	1	u8	-	1/128 second
always on	139	1	u8	-	0, Enable alwaysOn 1, Disable alwaysOn
board id	140	1	u8	-	0, Pironman U1 1, Pironman 4 2, PiPower 3
RESERVED	141	1	-	-	-
RESERVED	142	1	-	-	
shutdown percentage	143	1	u8	-	Current low battery shutdown percentage threshold
RESERVED	144	1	-	-	