

expression	type	value
▼ AllRegs	uint8_t [21]	0x20001538 < AllRegs
00- AllRegs[0]	uint8_t	0x1c (Hex) Disable HiZ. Disable ILIM pin. IINLIM=11100=1.5A
00- AllRegs[1]	uint8_t	0x5 (Hex) Vbhot1=34.75%. Vbcold0=77%. VINDPM_OS=500mV
00- AllRegs[2]	uint8_t	0x60 (Hex) ADC conv not active. Start 1s cont conv. 500kHz. Disable all: ICO.HVDCP.MaxCharge,D+/D0.PSEL.
00- AllRegs[3]	uint8_t	0x3e (Hex) Disable I(batload). Normal WDT. Enable Boost OTG. Enable Charge. Min Sys Voltage 3.7V. Min Bat for Boost 2.9V
00- AllRegs[4]	uint8_t	0x20 (Hex) Disable Current Pulse Control. Fast Charge Current Limit 2.048A
00- AllRegs[5]	uint8_t	0xf3 (Hex) Precharge Current Limit 1.024A. Termination Current Limit 256mA
00- AllRegs[6]	uint8_t	0x82 (Hex) Charge Voltage Limit 4.352V. Precharge to Fast Charge threshold=2.8V. Recharge threshold=100mV below VREG
00- AllRegs[7]	uint8_t	0x9d (Hex) Enable Charge Term. Enable STAT pin. WDT 40s. Enable Safety Timer. Fast Chg 12hrs.
00- AllRegs[8]	uint8_t	0x3 (Hex) IR Comp 0, 0. Thermal reg threshold 120C.
00- AllRegs[9]	uint8_t	0x44 (Hex) Don't force ICO. Slow safety timer 2x. Allow BATFET on, off immediately. Enable BATFET f.s.reset. Disable pulse...
00- AllRegs[10] A	uint8_t	0x93 (Hex) Boost Mode Volt Reg=5.126V(default). Allow PFM in boost.
00- AllRegs[11] B	uint8_t	0xf6 (Hex) VBUS_STAT=111=OTG. Charging 10=Fast. Power Good=1. Bit 1 is set but definition missing. Not in VSYSMIN regulation
00- AllRegs[12] C	uint8_t	0x0 (Hex) WDT Normal. Boost Mode no fault. No charge fault. No battery fault. No NTC fault.
00- AllRegs[13] D	uint8_t	0x8d (Hex) FORCE_VINDPM=1. ABSOLUTE VINDPM threshold = 3.9V. Note local fixed 5V supply provided on VBUS.
00- AllRegs[14] E	uint8_t	0x5a (Hex) Thermal Reg Normal. ADC Vbat=4.104V
00- AllRegs[15] F	uint8_t	0x55 (Hex) Vsys=4.004
00- AllRegs[16] 10	uint8_t	0x54 (Hex) ADC TS voltage=60.060%
00- AllRegs[17] 11	uint8_t	0x98 (Hex) VBUS attached. Vbus=5.000V. Confirms local fixed 5V supply
00- AllRegs[18] 12	uint8_t	0xc (Hex) I(bat)=600mA. I am seeking TWO to THREE times this current...
00- AllRegs[19] 13	uint8_t	0x5c (Hex) Not in VINDPM. YES in IINDPM. IDPM_LIM=11100=1.5A. But I(bat)=660mA << 1.5A limit???
00- AllRegs[20] 14	uint8_t	0x3a (Hex) Not resetting. ICO is IN PROGRESS. Device 111=BQ25895, Rev 10.

 Add new expression