

Please kindly find the reply as following for the question from Peter Anderson

1. The security of the chip supply. It seems not possible of the supplier can continuously supply the chip for ten years, The chip is built by a fabless design house in Taiwan, If the performance is good for this project, a reasonable stock can be kept for long time service.
2. Software programmability. The current chip is a mask version MCU and dedicate for DMM application, changing the existing code is impossible for us to do so. Only the original designer has the authority to customize the code for specified application. We will clarify with our vender later.
3. Auto / manual mode. It is my understanding that It is in auto-ranging mode when power on, It will switch to manual mode when range key be pressed once. (Datasheet Page 12..1) , Is it possible to enter the manual mode when started? I have to clarify with the vender.
4. “mV” symbol elimination, Sure , I suppose to customize a LCD panel for this product.
5. LCD issue. Same as item 4
6. LCD issue. Same as item 4 , The LCD size is depend on the industrial design, We agree the bigger the best.
7. Noted and will eliminate the backlight.
8. The price. We are still waiting for the quotation from vender.
9. Calibration issue. I believe the internal reference should not be change in it's life time after calibrated in factory. But you may need to calibrate once a year if you claim it is a kind of testing equipment. We can state it in the user manual.
10. The value of R12, I must clarify it with the vender, It is 1 K in the Chinese datasheet but 10K in English one.
11. Disable or shorten the auto-off time period. As the internal program is masked by the original designer, we may not have the ability to change the default setting, That is why we keep the switch on/ switch off/ auto off circuit externally.
12. One minute auto-off feature, same as above
13. The external power control circuit. Thanks for your comment. We will change the circuit as you designed

14. Negative reading, It is the internal features of the DMM, We may not have the ability to modify it. But if we eliminate the minus symbol in the customize LCD, the user will not know if it is a negative reading or not.
15. CMOS floating, Thanks for your reminder.