

## GV8300 with HS100 tune-up procedure

- (1)GPS work-----is using Trimble Lassen iQ GPS module to get the GPS data. The GV8300's MCU supply 12V voltage to LM2674-3.3V IC, the IC will transform the voltage into 3.3V , the 3.3V will supply to GPS module and let it work.
- (2) GPRS work----is using the embedded application (DTE) of SIEMENS MC56 module , we use 4.8V battery in GV8300 circuit , and it will supply the voltage to GPRS module , and let module work. through module inside circuit , the SIM card will got the 3.3V only voltage and work.
- (3) connect HS100---we use TD1501S-5.0 IC, will car input 12 voltage transform int to 5V in GV8300 circuit . GV8300 will supply 5.0V voltage to HS100 when HS100 have been connect with GV8300 and let HS100 work.
- (4) connect 2 botton key pad:(be used in GV8100N)---we use TD1501S-5.0 IC, will car input 12 voltage transform int to 5V in GV8300 circuit .and have 7533 IC in GV8300 circuit , it can will input 5V voltage transform into 3.3V output , and supply the voltage to 2 botton keypad.
- (5)connect 12 botton key pad:(be used in GV8200N)---we use TD1501S-5.0 IC, will car input 12 voltage transform int to 5V in GV8300 circuit, it will supply the voltage to 12 botton keypad.
- (6)Accessories sensor---these sensors will got +12V voltage in Car and in stand by mode. if the sensor have been trigger , the GV8300's MCU.will output -12V voltage , and let sensors to work.