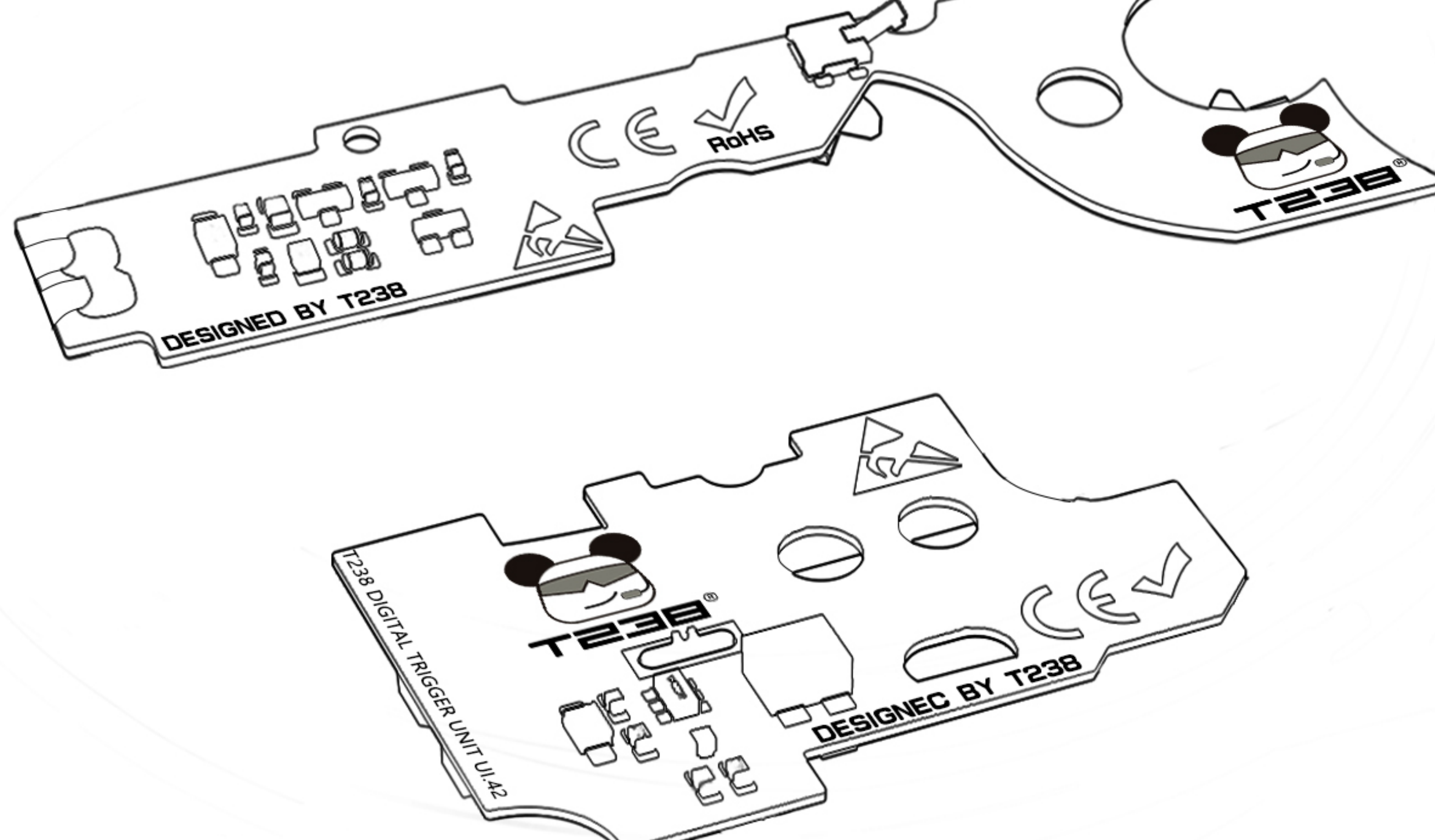
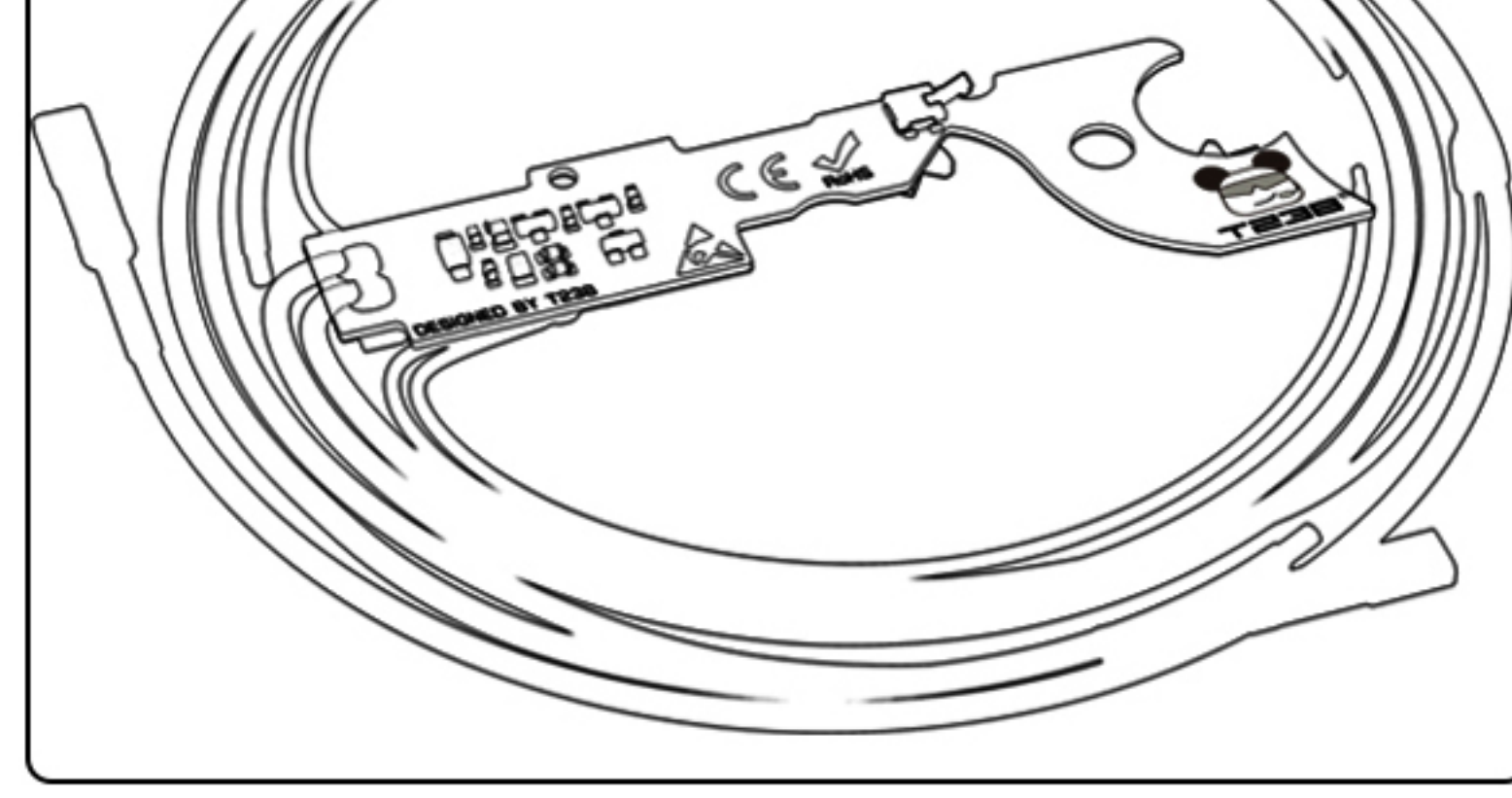




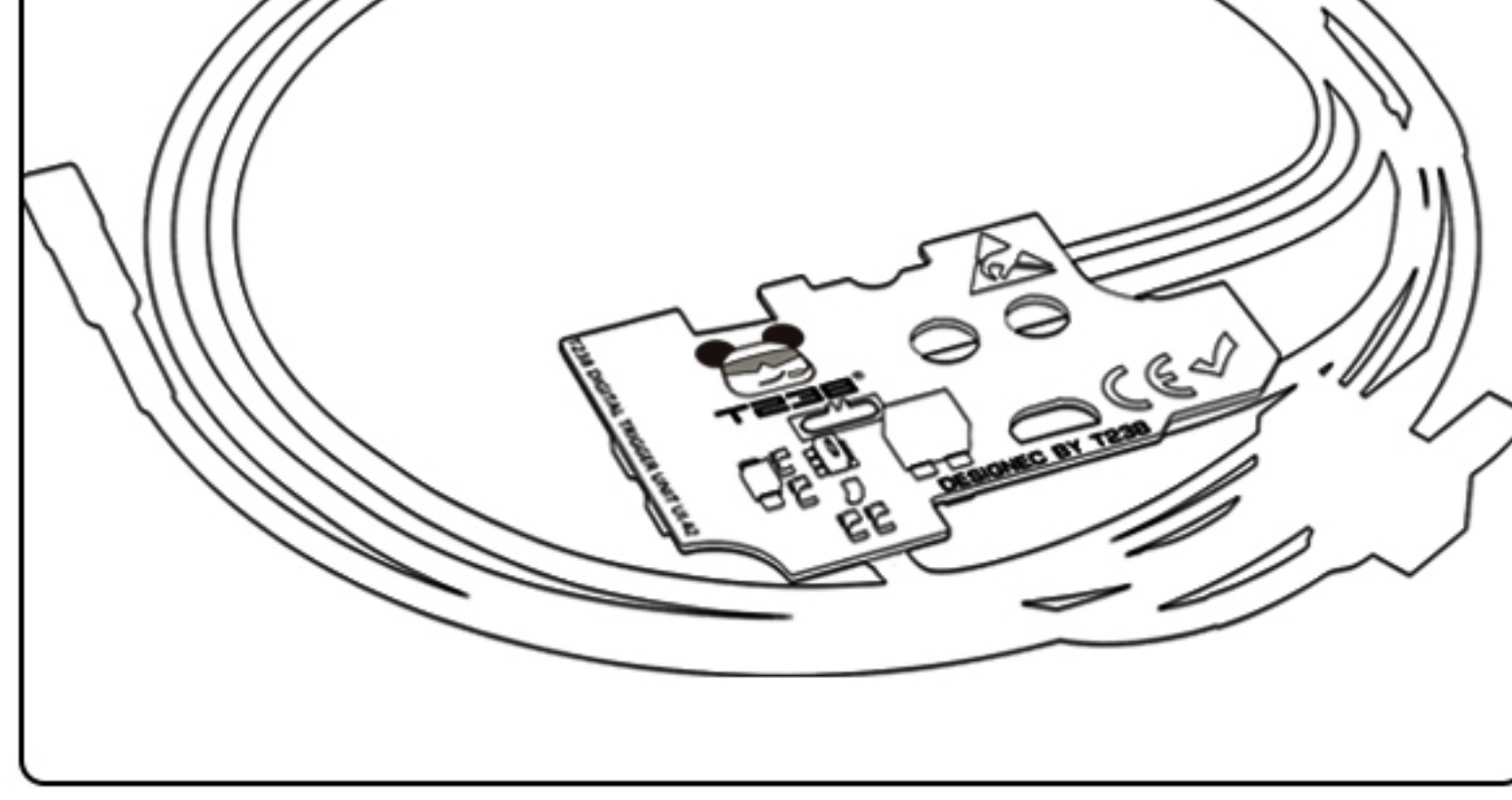
T238 DIGITAL TRIGGER UNIT QUALITY



- 1 - T238 DIGITAL TRIGGER UNIT QUALITY



T238-QUALITY-V3



T238-QUALITY-V2

! WARNING

- ⚠ This upgrade kit is designed for professional AIRSOFT/gel ball blaster player who can fully disassemble and assemble Airsoft Electric Gun.
- ⚠ The compatibility with all Gearboxes is not guaranteed, but it can fit into standard or common brand gearboxes V2/V3 without larger modification.
- ⚠ Related Tools and skills is needed for installing the product.

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! ATTENTION

- ⚠ Protect the detection switches while installing, do not pull the trigger before finishing installation in case that the trigger breaks the detection switch.
- ⚠ Mind the positive and negative of the motor, do not reverse.
- ⚠ DTU is not functional before finishing installation. Please finish the installation at first.

📄 DESCRIPTION

- 📄 T238 digital trigger unit is a programmable MOSFET which is specially designed for AIRSOFT and gel ball Gearbox V2/V3.
- 📄 With high speed processor and 2 high power MOSFET chips, this system has many individualized programmable functions, such as piston positioning, binary trigger, multiple-shot and so on. Besides, it also has the functions of battery low-voltage warning and gearbox block-up warning.
- 📄 It can effectively improve the stability of semi-auto, rate of fire and response speed of trigger,

- 3 - T238 DIGITAL TRIGGER UNIT QUALITY

at the same time, it can completely solve the gear over spin problem in a single fire.

- 📄 The module uses a maximum of 14.8V batteries. Soldering and wiring are required.

🎯 MAIN PARAMETERS



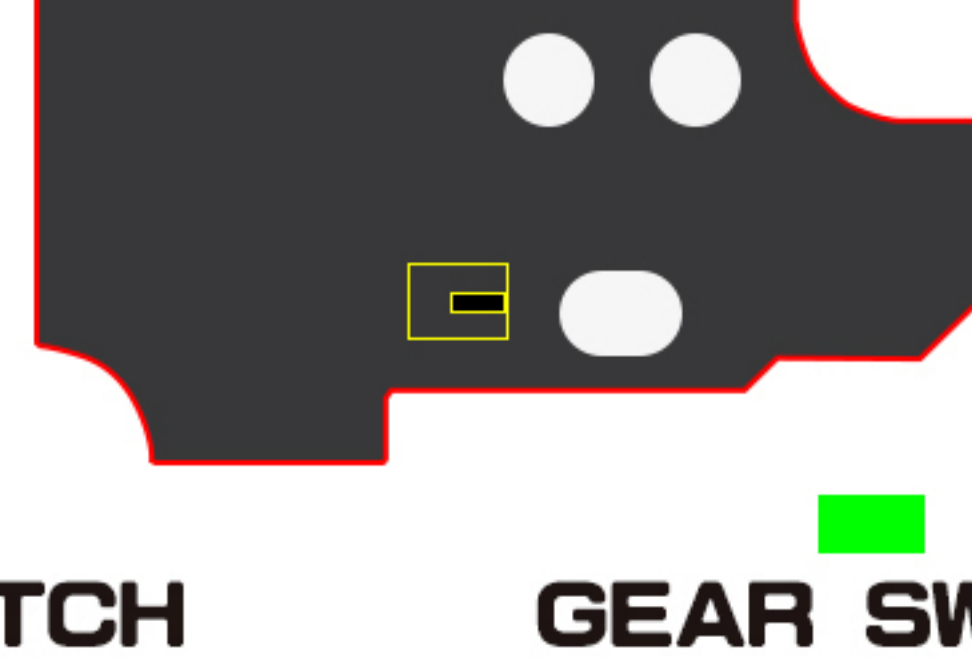
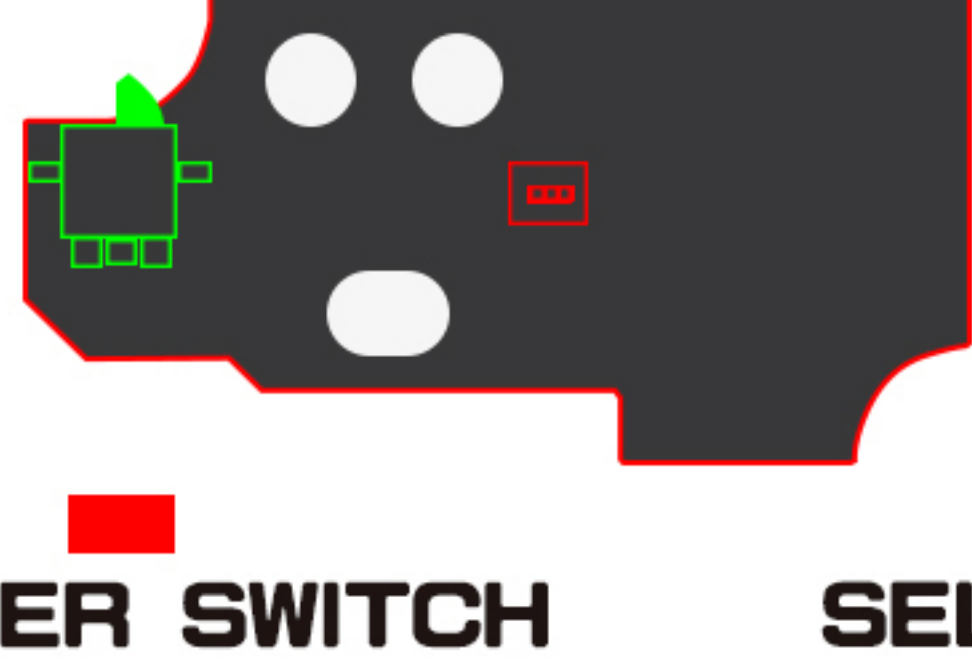
- ⚙ Size: 45*30*14mm(V2), 77*24*5mm(V3)
- ⚙ Operating voltage: 6-16.8V
- ⚙ Active break tech & Piston reset
- ⚙ Programmable auto-loading function
- ⚙ Multiple programmable shooting mode
- ⚙ Overheat protection
- ⚙ Maximum start current is 300A, Maximum braking current is 85A
- ⚙ Compatible with various Standard Gearbox V2/V3

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SENSOR POSITION

Refer to the following figure for specific location and product related information.

FOR V2:

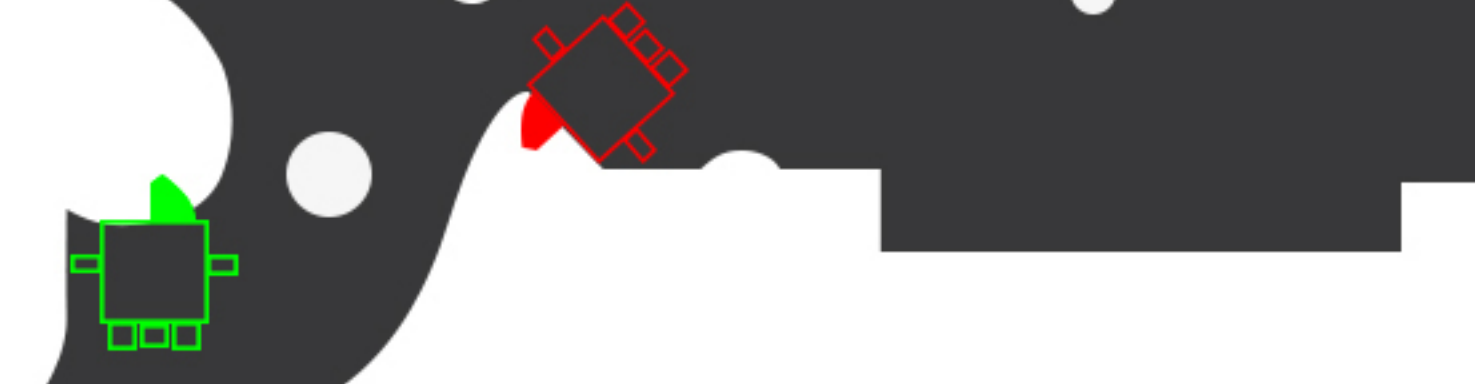


TRIGGER SWITCH

SELECTOR SWITCH

GEAR SWITCH

FOR V3:



TRIGGER SWITCH

SELECTOR SWITCH

GEAR SWITCH

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🔧 FUNCTIONS

- 🔋 1.Low battery voltage protection, the default setting is for 7.4V battery. Change the battery when hearing 'beep beep beep beep' low voltage warning sound.
- 🌀 2.Block-up protection. When the sector gear is stuck or the gear detection switch cannot detect gear rotation, the system stops working and emits an long 'beep' sound. Please check the wave box immediately by power off.
- 📄 3.Auto-loading function is designed for gel ball blaster magazines with motor inside, when changing the magazine, the magazine motor will run automatically for a period of time, and the length of time can be programmed by 9th option.
- 🌀 4.This module is able to increase rate of fire, the stability of single-shot and make batteries have higher durability.
- 🌀 5.The energy that support the active brake function comes from the inertia of motor, timely stop gear rotation. The effect of active brake is significant on high torque motor.

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- 🌀 6.The active function prevents the over-spin of gears, this solve the issue that the single shot becomes multiple shot under high voltage battery. Meanwhile, the spring is fully released in semi-auto mode and parts in gearbox are not under strain, increase the life cycle of gearbox and parts.
- 🌀 7.The system includes multiple shooting mode, these modes can be selected by fire select switch.
- 🌀 8.Pre-cocking. The default position of the piston is adjustable in semi-auto mode by delaying braking. Pre-cocking function can reduce excitation delay and increase trigger response speed.
- 🌀 9.Adjustable rate of fire. The braking time between two single shots can be programmable, to achieve adjustable rate of fire.
- 🌀 10.When the MOSFETs are overheated, the motor will give a 'beep' prompt after the trigger is pulled, system restarted after cooling.