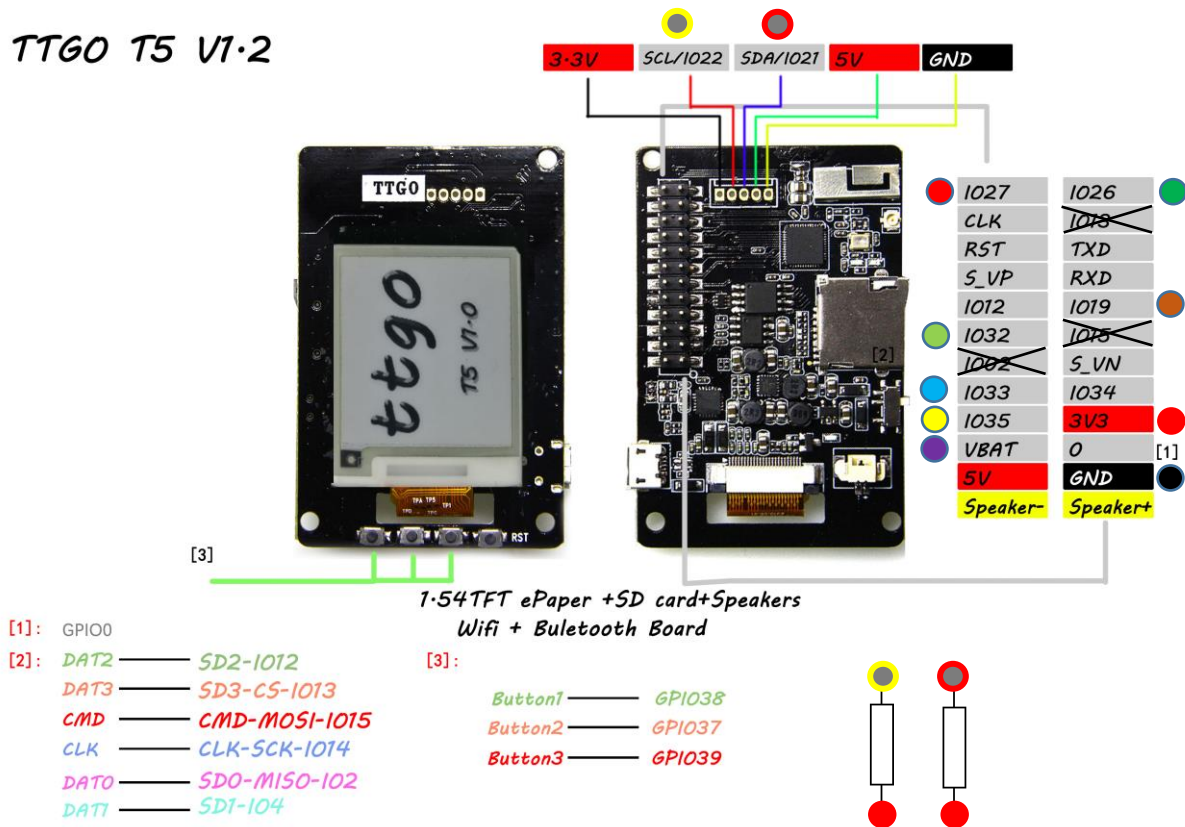


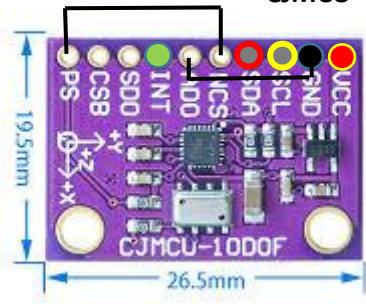
TTGO T5 V1.2



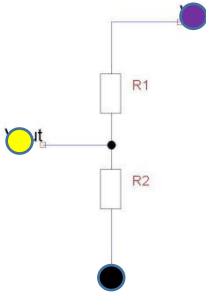
GPS



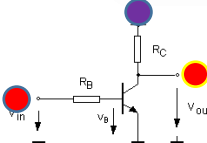
CJMCU



Option



GPS	ESP32
VCC	3.3V
GND	GND
TX	IO33
CJMCU	ESP32
VCC	3.3V
GND	GND
SCL	SCL/I022
SDA	SDA/I021
INT	IO32
Power	IO27



Optionnel	ESP32
Ampli classD	ESP32
VCC	3.3V
GND	GND
In-	GND
In+	IO26
Shutdown	IO19
Pont Diviseur	ESP32
In	VBAT
Out	IO35

MPU 9250 / MS5611

SDA	IO21	Connecteur 5 pins
SCL	IO22	
INT	IO32	

Ecran EPaper 1.54"

CS/SS	IO05
DC	IO17
RST	IO16
BUSY	IO04

MOSI	IO15
MISO	IO02
SCK	IO14

SDCard

CS	IO13
MOSI	IO15
MISO	IO02
SCK	IO14

Boutons

Bouton A	IO38
Bouton B	IO37
Bouton C	IO39

HP

PWM/DAC	IO25
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en option HP et ampli externe

PWM/DAC	IO26
pinAudioAmpEna	IO19

GPS

RX	IO33
TX	IO34

Lecture de la charge batterie

tension	IO35
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IO02	MISO	SDCARD / E-INK
IO04	BUSY	E-INK
IO05	CS/SS	E-INK
IO12		
IO13	CS	SDCARD
IO14	SCK	SDCARD / E-INK
IO15	MOSI	SDCARD/E-INK
IO16	RTS	E-INK
IO17	DC	E-INK
IO19		Enable AmpliD / Enable AmpliD Optionnel
IO21	SDA	MPU
IO22	SCL	MPU
IO25	PWM/DAC	HP
IO26	PWM/DAC	AmpliD optionnel
IO27		Transistor d'alimentation
IO32		INT MPU
IO33	TX	GPS
IO34	RX	GPS optionnel
IO35		pont diviseur (270k/1M) V2.4 (100k/100K)
IO37		Bouton B
IO38		Bouton A
IO39		Bouton C