M8N:

<https://github.com/toskyRocker/Arduino_Parser_Ublox_Neo_M8N/tree/master/Parser_Ublox_Neo_M8N>

USB Camera

<http://www.pyimagesearch.com/2015/12/21/increasing-webcam-fps-with-python-and-opencv/>

PY-QT

<https://lemirep.wordpress.com/2014/03/24/car-dashboard-project/>

<https://github.com/baudm/mplayer.py>

ARDUINO:

Arduino Mega PINS: <https://www.arduino.cc/en/uploads/Hacking/PinMap2560big.png>

ARDUINO GPS: <http://arduino.stackexchange.com/questions/3832/gps-logging-on-sd-card-using-tinygps>

<https://www.arduino.cc/en/Tutorial/SoftwareSerialExample>

<http://www.homautomation.org/2013/09/21/433mhtz-rf-communication-between-arduino-and-raspberry-pi/>

<https://github.com/HerrRiebmann/KDS2Bluetooth>

<https://bitbucket.org/tomnz/kawaduino/overview>

Servo

<https://www.youtube.com/watch?v=osCKyCOovhU>

<https://www.youtube.com/watch?v=9_8Kb_fXRrU>

RTC:

[SODIAL(R) Modulo I2C Tiny DS3231 AT24C32 Precision Tiempo real modulo de reloj para Arduino](https://www.amazon.es/SODIAL-Modulo-AT24C32-Precision-Arduino/dp/B00K67X496/ref=sr_1_1?ie=UTF8&qid=1460927522&sr=8-1&keywords=rtc)

GPS:

<http://www.banggood.com/Mini-GPS-Module-With-Serial-TTL-RS232-Compatible-With-U-BLOX-NEO-7M-p-947630.html>

Kds

<http://pastebin.com/raw/wjW8crrr> ← This one uses SI9243AEY

<http://ecuhacking.activeboard.com/t56234221/kds-protocol/>

<http://www.cycleterminal.com/furukawa-rfw-090.html>

Leds and Buttons:

<https://www.cl.cam.ac.uk/projects/raspberrypi/tutorials/turing-machine/two.html>

Led:

<https://thepihut.com/blogs/raspberry-pi-tutorials/27968772-turning-on-an-led-with-your-raspberry-pis-gpio-pins>

<https://projects.drogon.net/raspberry-pi/gpio-examples/tux-crossing/2-two-more-leds/>

Button:

<http://razzpisampler.oreilly.com/ch07.html>

<https://www.cl.cam.ac.uk/projects/raspberrypi/tutorials/robot/buttons_and_switches/>

Camera / Audio fixes:

<https://www.raspberrypi.org/forums/viewtopic.php?t=75271&p=538744>

<https://github.com/iizukanao/picam>

[Pi Camera HDMI Cable Extension](https://www.tindie.com/products/freto/pi-camera-hdmi-cable-extension/)

I finally solved the audio-video sync with this raspivid modification: [https://github.com/d3faultdotxbe/raspiv ... s/raspicam](https://github.com/d3faultdotxbe/raspivid-accurate-fps-via-hacky-framedropping/tree/master/host_applications/linux/apps/raspicam)

If you want constant 25 fps you have to set it to 26, it works perfect.

<http://raspberrypi.stackexchange.com/questions/25962/sync-audio-video-from-pi-camera-usb-microphone>

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Games OSTs: <http://downloads.khinsider.com>

Gyro -- <https://github.com/Tijndagamer/MPU-6050-Python>

RTC -- <http://www.raspberrypi-spy.co.uk/2015/05/adding-a-ds3231-real-time-clock-to-the-raspberry-pi/>

Audio:

<http://raspberrypirecipes.blogspot.com.es/2014/02/raspberry-pi-using-pyaudio-external.html>

<http://stackoverflow.com/questions/28287527/delay-issue-in-audio-video-merging-through-python>

<http://raspberrypi.stackexchange.com/questions/27278/delay-problem-in-audio-video-when-multiplex-in-one-through-python>

RTC: https://thepihut.com/blogs/raspberry-pi-tutorials/17209332-adding-a-real-time-clock-to-your-raspberry-pi

http://ecuhacking.activeboard.com/t56234221/kds-protocol/?page=2 <-- KDS hack

http://blog.bitify.co.uk/2013/11/reading-data-from-mpu-6050-on-raspberry.html <-- MPU 6050

Pedidos:

Banggood -- adapters SOC DIM

Aliexpress -- SI9243AEY

Miniinthebox -- gyroscope, prototipe board, cables, leds, buttons, etc...