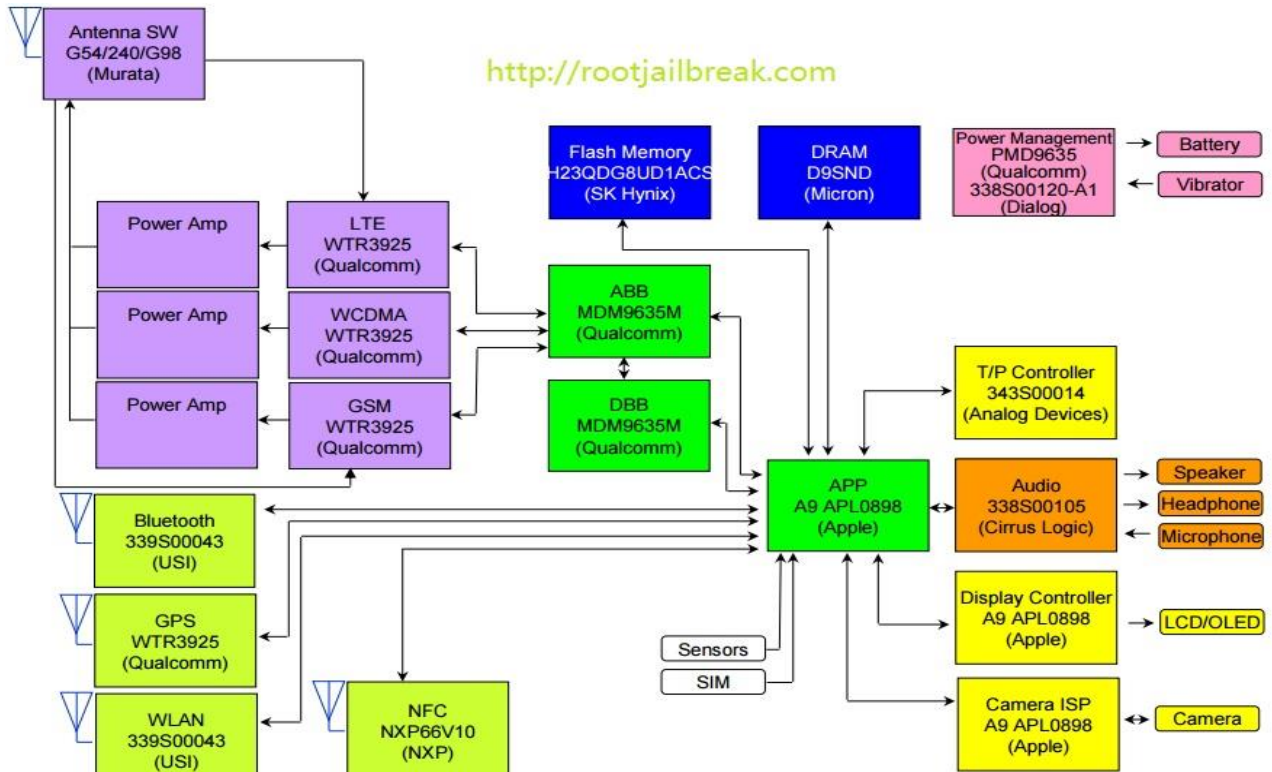


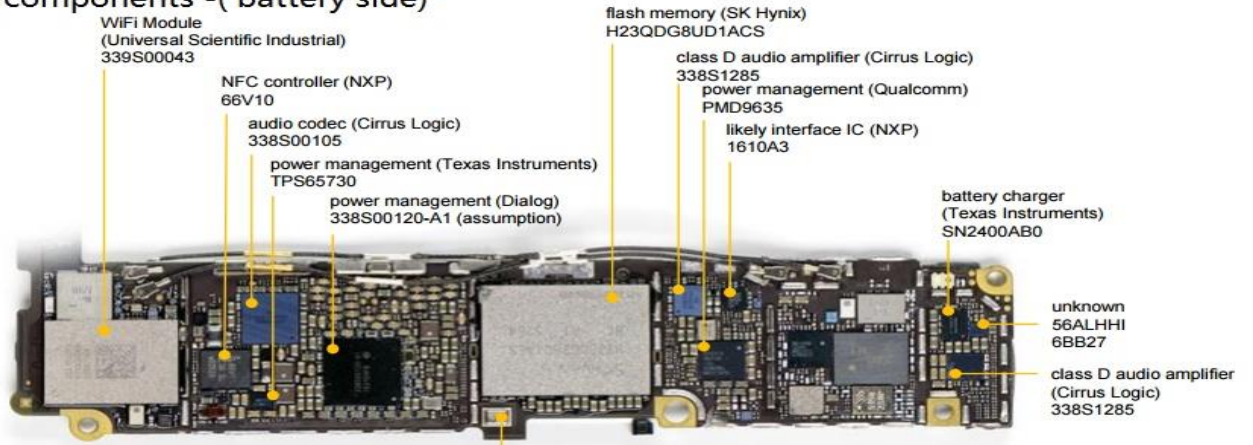
iPhone 6s component placing and schematics(block) diagram

block diagram



key component placing (battery side)

key components -(battery side)

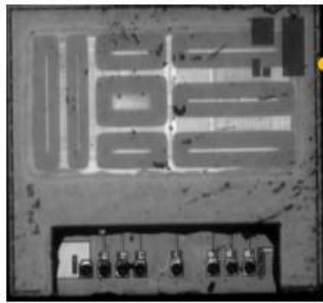


barometer (Bosch Sensortec) likely BMP280



| Barometer Circuit Analysis | Report Code |
|----------------------------|------------------------------|
| Bosch BMP280 | CAR-1405-902 |

key component placing (display side)



key components

accelerometer
(Bosch Sensortec)
likely BMA280

accelerometer
and gyroscope
(InvenSense)
MPU-6700

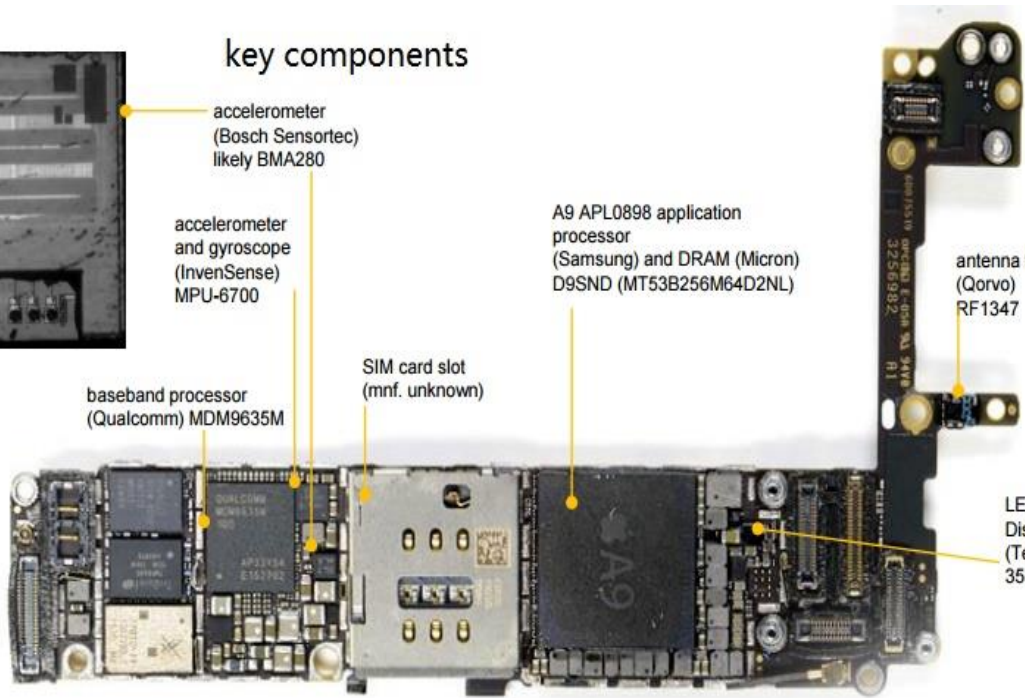
baseband processor
(Qualcomm) MDM9635M

SIM card slot
(mnf. unknown)

A9 APL0898 application
processor
(Samsung) and DRAM (Micron)
D9SND (MT53B256M64D2NL)

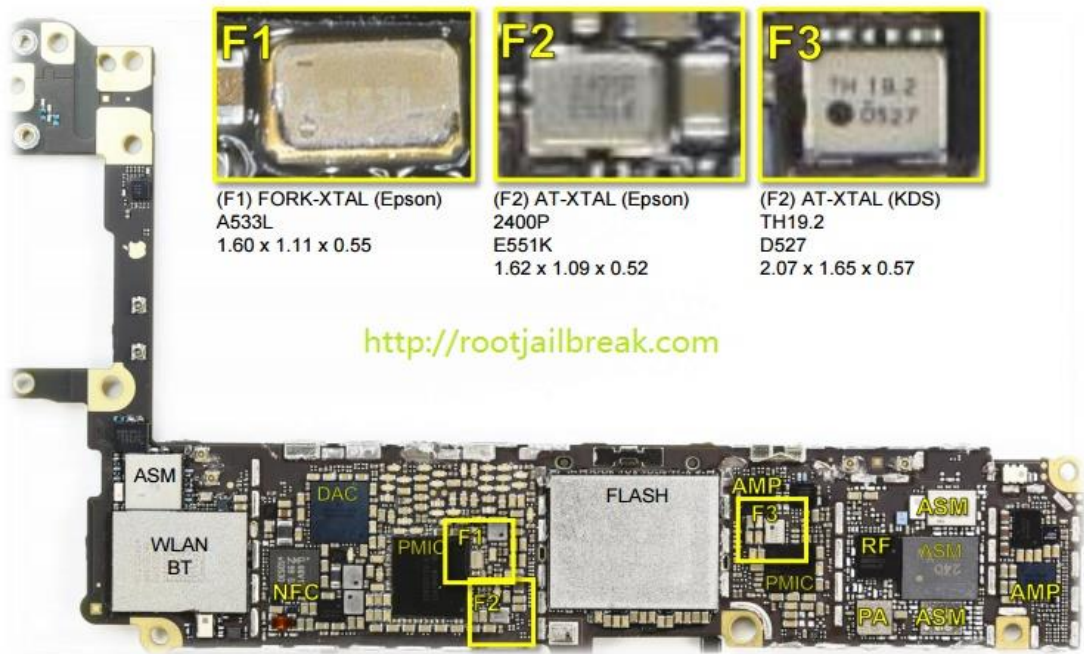
antenna tuning
(Qorvo)
RF1347

LED backlight Retina
Display Driver
(Texas Instruments)
3539



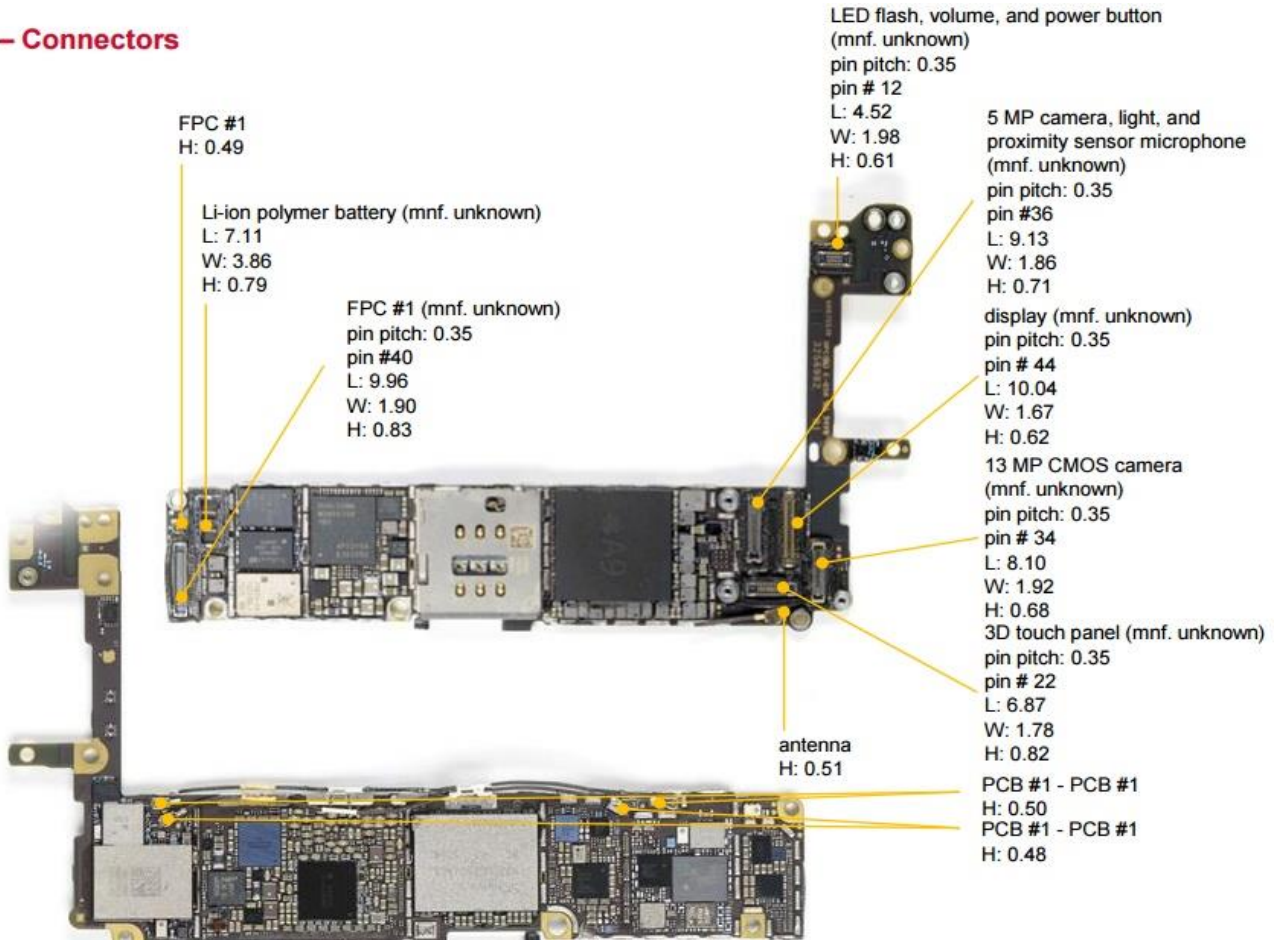
pcb (battery side)

Quartz – PCB #1 Battery Side



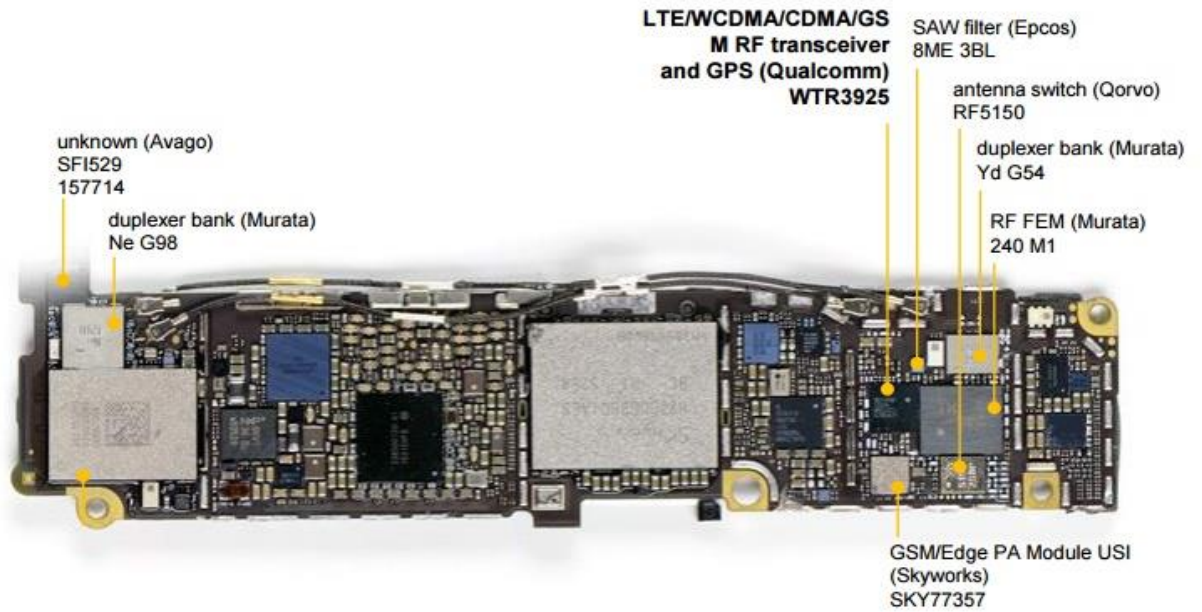
connectors placing of pcb

PCB #1 – Connectors



cellular components (battery side)

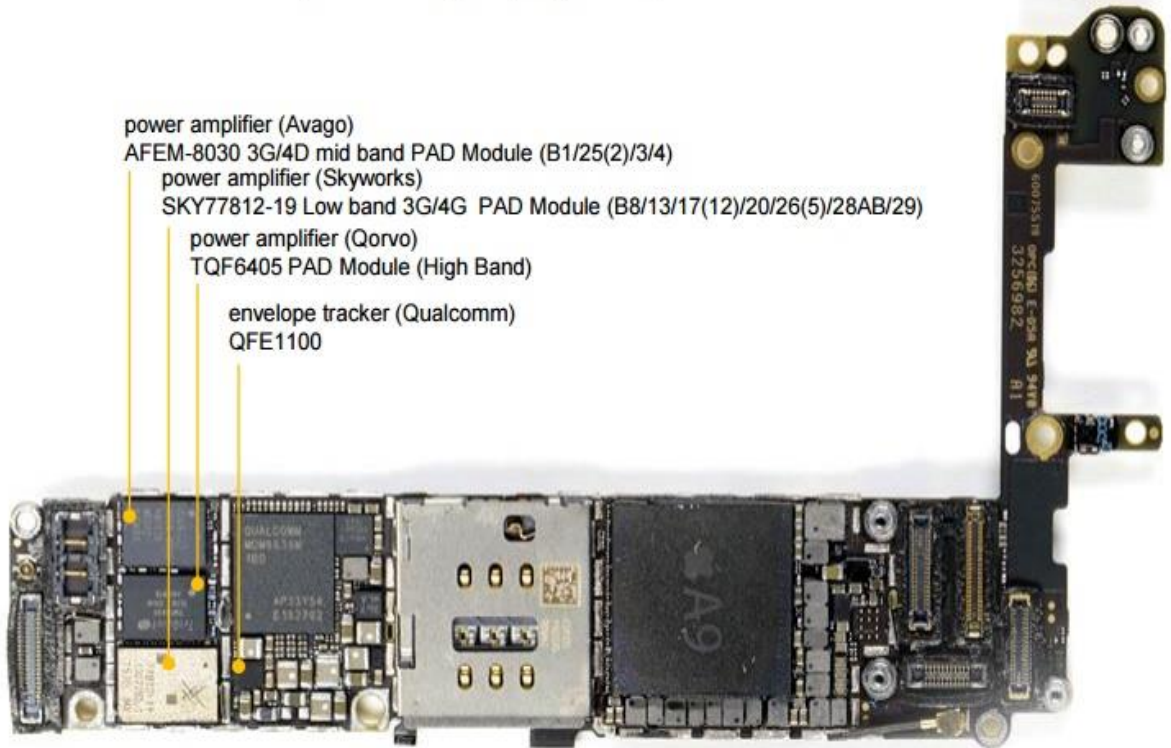
cellular (battery side)



celluer components (display side)

celluer components (display side)

- power amplifier (Avago)
AFEM-8030 3G/4D mid band PAD Module (B1/25(2)/3/4)
- power amplifier (Skyworks)
SKY77812-19 Low band 3G/4G PAD Module (B8/13/17(12)/20/26(5)/28AB/29)
- power amplifier (Qorvo)
TQF6405 PAD Module (High Band)
- envelope tracker (Qualcomm)
QFE1100



sensors

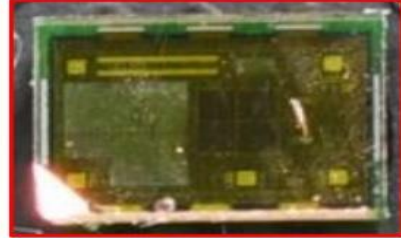
Ambient Sensor



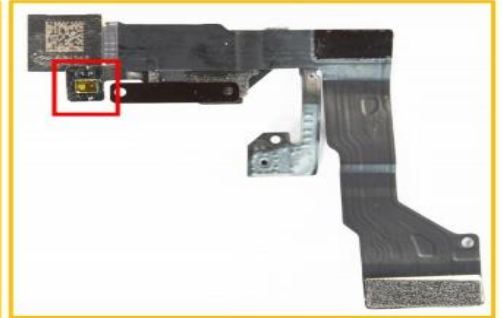
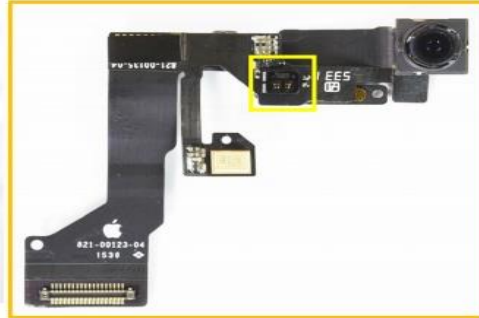
<http://rootjailbreak.com>



proximity sensor (mnf. unknown)
2.78 mm x 2.38 mm x 1.28 mm



light sensor (mnf. unknown)
1.85 mm x 1.30 mm x 0.50 mm

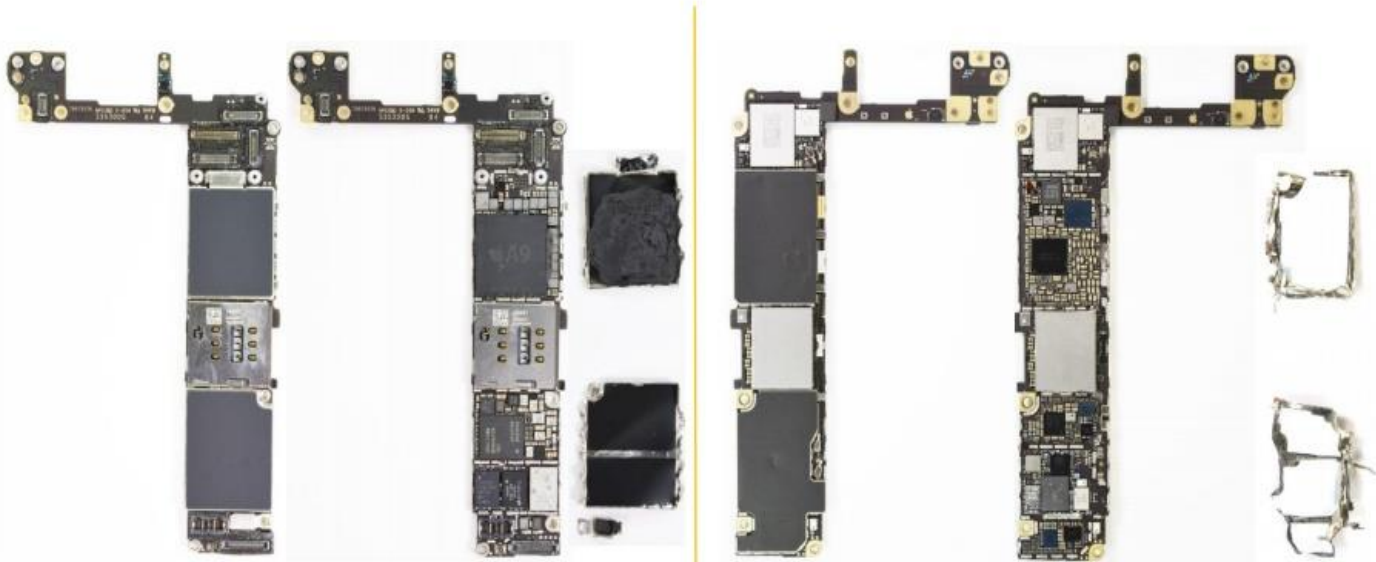


fingerprint sensor



<http://rootjailbreak.com>

PCB EMI



<http://rootjailbreak.com>

speakers and vibrator

<http://rootjailbreak.com>

speaker



speaker



vibrator (taptic engine)



mic

Silicon Audio (Microphone)



microphone (Knowles)
5280 KSM2



microphone (Knowles)
5280 KSM2

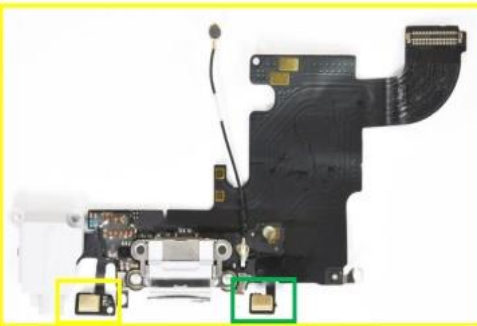


microphone (Knowles)
5280 KSM2



microphone (GoerTek)
529 GWM1

<https://rootjailbreak.com>



camera

