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This is for **Android 4.2.x** devices running ALPS Electric devices with MediaTek - most chinese phones on the market. Be carefull and take **fullflash backup** before any changes are made to your mobile.

GPS problems

If your location is floating around your real position then edit **build.prop** and add this line.

```
dalvik.vm.execution-mode=int:fast
```

Repartition on 4MB ROM

Some ALPS Electric products have internal and external partitions on very low flash memory configurations. This patch shrink external partition and gives free space to internal memory.

1. hexaedit EBR1

from

```
00 00 83 00 00 00 00 E9 01 00 00 E0 15 00 00 00 00 00 83 00 00 00 00 C9 17 00 00 F0 03 00 00
00 00 00 83 00 00 00 00 B9 1B 00 00 00 20 00 00 00 00 00 05 00 00 00 00 95 01 00 FF FF FF FF
55 AA
```

to

```
00 00 83 00 00 00 00 E9 01 00 00 E0 15 00 00 00 00 00 83 00 00 00 00 C9 17 00 00 F0 03 00 00
00 00 00 83 00 00 00 00 B9 1B 00 00 00 50 00 00 00 00 00 05 00 00 00 00 95 01 00 FF FF FF FF
55 AA
```

2. hexaedit EBR2

from

```
00 00 83 00 00 00 00 24 3A 00 FF 46 C4 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
55 AA
```

to

```
00 00 83 00 00 00 00 24 6A 00 FF 46 C4 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
55 AA
```