

## Title: EMMC boot random failed with ABR enabled

### How to program OTP patch code:

Utilize “evbA3\_emmc\_patch.json” file to generate OTP image to program ROM patch code in OTP.

Material:

- evbA3\_emmc\_patch.json, emmc\_patch.hex, otp-all.image
- OTP descriptor file: OTP evbA3\_emmc\_patch.json
  - patch code file: emmc\_patch.hex
  - patch code location: 0x1B80
  - patch code size: 24 (DW)
  - Enable boot from eMMC
  - Enable boot SPI or eMMC ABR
- ROM patch: emmc\_patch.hex
- OTP full image with corresponding json file: otp-all.image

You can use “otp-all.image” to program EMMC patch code.

```
ast# tftp 83000000 otp-all.image
ast# otp prog 83000000
```

Please note that the patch code location can be any in OTP data region. Customers should evaluate their OTP data region, and put it in unused area.