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committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2025-04-25 10:45:28 +0200
commit [ea07760676bba49319d553af80c239da053b5fb1](#) (patch)
tree [7a5c987e3418ac4e6945ec55146f97008d856ff9](#)
parent [b20ec02fcb344bdfc77a53c381f1c9d6a87ea605](#) (diff)
download [linux-ea07760676bba49319d553af80c239da053b5fb1.tar.gz](#)

diff options

context: ▼
space: ▼
mode: ▼

mfd: ene-kb3930: Fix a potential NULL pointer dereference

commit 4cdf1d2a816a93fa02f7b6b5492dc7f55af2a199 upstream.

The off_gpios could be NULL. Add missing check in the kb3930_probe().
This is similar to the issue fixed in commit b1ba8bcb2d1f
("backlight: hx8357: Fix potential NULL pointer dereference").

This was detected by our static analysis tool.

Cc: stable@vger.kernel.org
Fixes: ede6b2d1dfc0 ("mfd: ene-kb3930: Add driver for ENE KB3930 Embedded Controller")
Suggested-by: Lee Jones <lee@kernel.org>
Signed-off-by: Chenyuan Yang <chenyuan0y@gmail.com>
Link: <https://lore.kernel.org/r/20250224233736.1919739-1-chenyuan0y@gmail.com>
Signed-off-by: Lee Jones <lee@kernel.org>
Signed-off-by: Greg Kroah-Hartman <gregkh@linuxfoundation.org>

Diffstat

```
-rw-r--r-- drivers/mfd/ene-kb3930.c 2
```

1 files changed, 1 insertions, 1 deletions

diff --git a/drivers/mfd/ene-kb3930.c b/drivers/mfd/ene-kb3930.c

index fa0ad2f14a3961..9460a67acb0b5e 100644

--- a/drivers/mfd/ene-kb3930.c

+++ b/drivers/mfd/ene-kb3930.c

```
@@ -162,7 +162,7 @@ static int kb3930_probe(struct i2c_client *client)
        devm_gpiod_get_array_optional(dev, "off", GPIOD_IN);
        if (IS_ERR(ddata->off_gpios))
            return PTR_ERR(ddata->off_gpios);
-       if (ddata->off_gpios->ndescs < 2) {
+       if (ddata->off_gpios && ddata->off_gpios->ndescs < 2) {
            dev_err(dev, "invalid off-gpios property\n");
            return -EINVAL;
        }
```