



Figure 5.4: Decompress the Image

5.2 Conclusion

The project "Image Compression And Decompression" has been successfully designed and tested. It has been developed by integrating features of all the hardware components and software used. Presence of every module has been reasoned out and placed carefully thus contributing to the best working of the unit. Secondly, using highly advanced ARM9 board and with the help of growing technology the project has been successfully implemented.

5.3 Future Scope

In our application we are using jpg compression factor to compress image and display the image and image size on display unit but while compressing the image internally size of image is reduced as size reduces quality of image will also reduce so to overcome this limitation in future we can use Lossless compression technique. Lossless compression involves with compressing data which, when decompressed, will be an exact replica of the original data. This is the case when binary data such as executables, documents etc. are compressed. They need to be exactly reproduced when decompressed. On the other hand, images (and music too) need not be reproduced 'exactly'. An approximation of the original image is enough for most purposes, as long as the error between the original and the compressed image is tolerable.

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