**APPENDIX F**

**From RocketBoards Org On How to Partition a uSD Card.**

Partition the SD Card

1. Determine the device associated with the SD card on the host by running the following command before and after inserting the card in the reader:

$ cat /proc/partitions

Let's assume it is /dev/sdx

1. Repartition the card, with the sudo fdisk/dev/sdx command

$ Use p to print current partitioning

$ Use d to delete all partitions one by one

Create partition using these options, pressing enter after each one: n p 2 4096 +4496384 t 83  
Create partition using these options, pressing enter after each one: n p 1 9000000 +20480K t 1 b  
Create partition using these options, pressing enter after each one: n p 3 2048 +1024K t 3 a2

1. Press w to write partitions to card, then exit

Verify the card was partitioned correctly, it should look like this (use fdisk and p to see it):   
Device Boot Start End Blocks Id System   
/dev/sdx1 9000000 9020480 20480 b W95 FAT32   
/dev/sdx2 4096 8996863 4496384 83 Linux   
/dev/sdx3 2048 4095 1024 a2 Unknown

1. Make partition one a DOS partition

$ sudo mkdosfs /dev/sdx1