**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