Converting train-images-idx3-ubyte.gz
to NumPy Array ...
Done
Converting train-labels-idx1-ubyte.gz
to NumPy Array ...
Done
Converting t10k-images-idx3-ubyte.gz
to NumPy Array ...
Done
Converting t10k-labels-idx1-ubyte.gz to
NumPy Array ...
Done
Creating pickle file ...
Done!
train loss:2.2977706685799
== epoch:1, train acc:0.363, test acc:0.351 ==
train loss:2.29112918165795
train loss:2.28757296548416
train loss:2.27266860609
train loss:2.26520889257524
train loss:2.2388828748333425
train loss:2.216368880597267
train loss:2.163117337168026
train loss:2.139098759254073
train loss:2.128291086731566
train loss:2.0456483549855
train loss:2.0255809734272634
train loss:1.945762484957187
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train loss:1.78559741524912
train loss:1.7363285358566756
train loss:1.615214279140576
train loss:1.50113976052525
train loss:1.431284790393402
train loss:1.4933993500812138
train loss:1.38429765477948.14
train loss:1.29487320409.10844
train loss:1.2744576220.85486
train loss:1.220763662729092
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train loss:0.873220598515.2345
train loss:1.088290097670828
train loss:0.881877545874.8942

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train loss 0.4097048658587967
train loss 0.5962972362323041
== epoch2, train acc0.874, test acc0.826 ==
train loss 0.7015558096211233
train loss 0.4100261950509493
train loss 0.2961980040750108
train loss 0.5866217671283569
train loss 0.4549069164269896
train loss 0.5267505532750089
train loss 0.4728868108648976
train loss 0.4057849183569194
train loss 0.5011136839955337
train loss 0.3949426720616596
train loss 0.4671630405630872
train loss 0.4327349813241884
train loss 0.4711410462564736
train loss 0.4764391108222201
train loss 0.5222723237235769
train loss 0.4356939529918642 5
train loss 0.4133650128352722
train loss 0.3866446048327951 7
train loss 0.3743511752638279
train loss 0.5732813189837045
train loss 0.3498978208082163 7
train loss 0.3906000294368229 7
train loss 0.4162329425933241 6
train loss 0.6623096733443998
train loss 0.5918175094688846
train loss 0.5277215515170 62
train loss 0.4289478741561116
train loss 0.3831379183367884
train loss 0.3866436092800063
train loss 0.4016485168105299
train loss 0.3405748766049728
train loss 0.5275530789992472
train loss 0.4187255734369692
train loss 0.4889823820816833
train loss 0.5157853272727306
train loss 0.2984542675828996
train loss 0.3556372174725896
train loss 0.3961732854757507
train loss 0.3938832564851 1
train loss 0.2667358169167163 3
train loss 0.4674183647180805 5
train loss 0.2945541103470546
train loss 0.4614861584249413
train loss 0.3858923616264023

train loss 0.4233005571646 86
train loss 0.4046446669891 38
train loss 0.4884860890522862
train loss 0.5230826815575905
train loss 0.2884356034841 42
train loss 0.3928002548448501 7
train loss 0.4365069972017816 5
train loss 0.4230217448317191 7
train loss 0.3019513128138069
train loss 0.3886731614464455
train loss 0.3798265401047327
train loss 0.3970360175715061
train loss 0.3378821086966815 3
train loss 0.4169209676430 51
train loss 0.3866719829228674
train loss 0.4498833996863993
train loss 0.3732714186774120 4
train loss 0.4155157983111 74
train loss 0.4224452055962071 3
train loss 0.3449356892131006 4
train loss 0.3578970305701592
train loss 0.4357352980891 52
train loss 0.6031996683600491
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train loss 0.3926178271723621
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train loss 0.3780106651471607
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train loss 0.3479663300953066
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train loss 0.5386706857088904
train loss 0.3263918669227107 7
train loss 0.4415006634592831
train loss 0.3918512750864287
train loss 0.3813767669801 42
train loss 0.4363361202019591 7
train loss 0.4146603746000072
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train loss 0.2975693032967011
train loss 0.3680587567524 6
train loss 0.5558918460649437

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train loss 0.4684422241419795 6
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train loss 0.4169363564487391 6
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train loss 0.4806212482021 06
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train loss 0.3749117348175 97
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train loss 0.3797604420808 07
train loss 0.3551396046 9813
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train loss 0.4058266875810 5006
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train loss 0.24107132896655164
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train loss 0.2890661210942487

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train loss 0.307791962480350.3

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train loss 0.2946046942400915
train loss 0.3363570901528700.6
train loss 0.24646174110871907
train loss 0.3498849720521924
train loss 0.24338584804800.8
train loss 0.46101934951392.04
train loss 0.366284784615377.33
== epoch:3, train acc:0.892, test
acc:0.875 ==
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train loss 0.297651609821404.8

train loss 0.371763061738186
train loss 0.300551843994646
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train loss 0.435205527023821
train loss 0.308082928754354
train loss 0.423750976265912
train loss 0.283810840716091
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train loss0.15732858622179S7
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train loss0.1750932509815O7
train loss0.2356602194089558
== epoch:8, train acc:0.93, test acc:0.899 ==
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train loss0.2521289175257S5

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train loss0.11955909025060S9
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train loss0.198611802499942S
train loss0.15886370908l7938
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========= Final Test Accuracy
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test acc:0.9116
trainacc:0.989116
SavedNetworkParameters!