18 \_ - 3 2\*1

4+1 = 3×3

ig=(32,32,3) Flatten. ConvaDI-> Manfoell-> ConvaD2-> Manfoel r)ense3

For Dense For Conv Hwts = Holpdrands \* Holpdrands = # dechemils \* fifter neight &
fifter neight no et letters byer en the next byer # Hases = 1 # #olychemels (1+)st of porrage

manpool (None, 4×4×32) ~ None, 8×8×32) wts/

No Conval Cayer

Markool 30

Conv2D 2132 -> (None, 16, 16, 32) E/P shape (None, 16, 16, 16) 16 \* 3 \* 3 \* 32 = 4608

Manthol2 (None, 16, 16, 32) -> (None, 8, 8, 32) -latter (Mone (8,8,32) -> (None, 2048) no weights/ biases

) ense — (None, 32) (None, 2048) #wt= 32\*2048 = 65536 #6-32 65548

Dense 1/6 (None, 32) — (None, 16)  $32 \times 16 = 512 \text{ wts} / 528$ Dense 3, 10 (None, 16) -> (None, 10)