

Input  
Batch

input<sub>1</sub>

char<sub>1</sub>

key<sub>1</sub>

key<sub>2</sub>

key<sub>3</sub>

...

key<sub>n</sub>

input<sub>2</sub>

char<sub>2</sub>

key<sub>1</sub>

key<sub>2</sub>

key<sub>3</sub>

...

key<sub>n</sub>

input<sub>3</sub>

char<sub>3</sub>

key<sub>1</sub>

key<sub>2</sub>

key<sub>3</sub>

...

key<sub>n</sub>

⋮

input<sub>m</sub>

char<sub>m</sub>

key<sub>1</sub>

key<sub>2</sub>

key<sub>3</sub>

...

key<sub>n</sub>

output<sub>t</sub>

RNN-Conv1D

input<sub>t</sub>

Bernouli  
Distribution

Decoder

Encoder