TopDown Block (w/ ctx)[C, w]

u

Av.

$\bar{u} \oplus \mathbf{h}^{dec}$

$(\mathbf{h}^{dec} + \mathbf{h}^{enc})/\sqrt{2}$

[C+w, C, 2w+C]

[C, C, 2w]

$\mathbf{h}^p;\ p_\theta(\mathbf{z}_l \mid \mathbf{z}_{>l}, \bar{u})$

$q_\theta(\mathbf{z}_l \mid \mathbf{z}_{>l}, \mathbf{x})$

$\tilde{\mathbf{z}}_l$

conv

$\mathbf{h}^p + \mathbf{z} + \mathbf{h}^{dec}$

[C, C, C]