

ascon128a_encrypt
(null, AAD_key, Nonce)

```
graph LR; A["ascon128a_encrypt  
(null, AAD_key, Nonce)"] --> B["Auth Tag"]; C["ascon128a_decrypt  
(null, AAD_key, Nonce)"] --> B;
```

The diagram illustrates a cryptographic process involving three components. On the left is a light blue box containing the text 'ascon128a_encrypt (null, AAD_key, Nonce)'. On the right is a light yellow box containing the text 'ascon128a_decrypt (null, AAD_key, Nonce)'. In the center is a light red box containing the text 'Auth Tag'. A black arrow points from the blue box to the red box, and another black arrow points from the yellow box to the red box, indicating that both encryption and decryption operations result in or verify an authentication tag.

Auth Tag

ascon128a_decrypt
(null, AAD_key, Nonce)