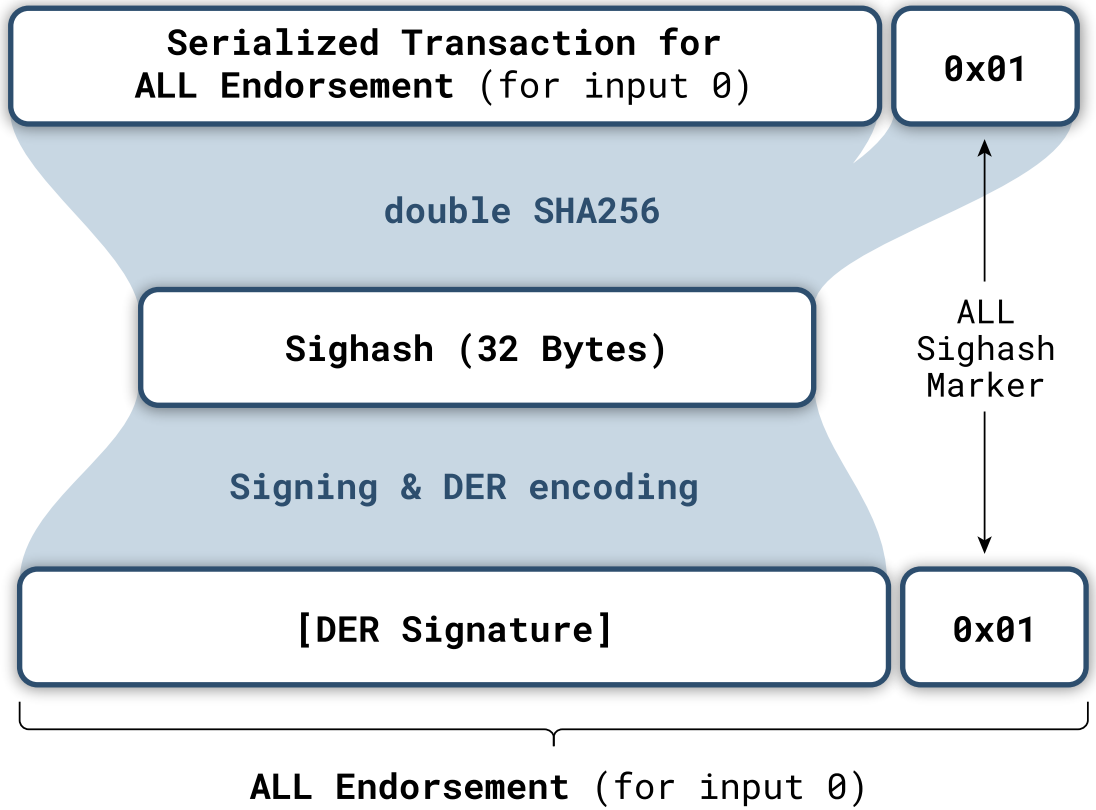
Signature Hash **ALL**



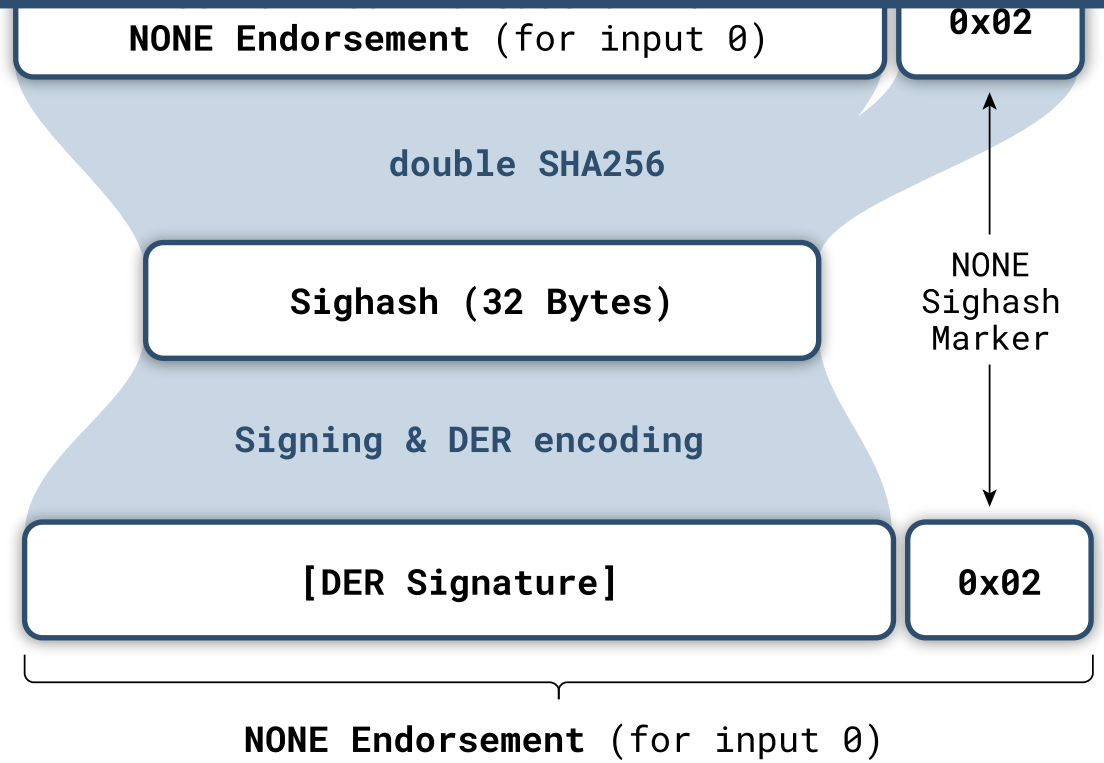
The signature hash marker determines which inputs and outputs of the transaction are endorsed.

The inputs & outputs of the transaction which are not endorsed can be modified after the endorsement is built.

Sighash ALL (0x01)

- Endorses/Signs all inputs and outputs of transaction
- Endorsement becomes invalid if these are modifed.
- The serialised transaction sets other input scripts and sequences to 0.

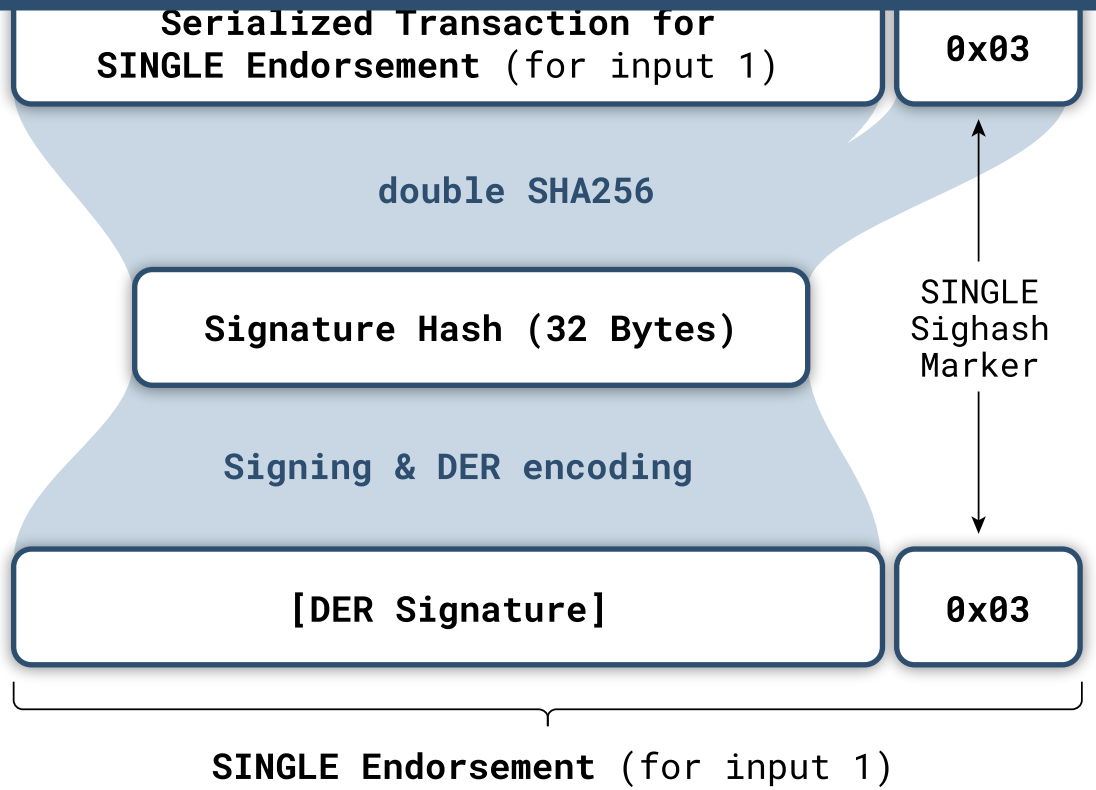
Signature Hash **NONE**



Sighash NONE (0x02)

- Endorses none of the outputs.
- Outputs can be modified anytime after the endorsement is built.
- The serialised transaction sets other input scripts and sequences to 0.
- The serialised transaction sets outputs to 0.

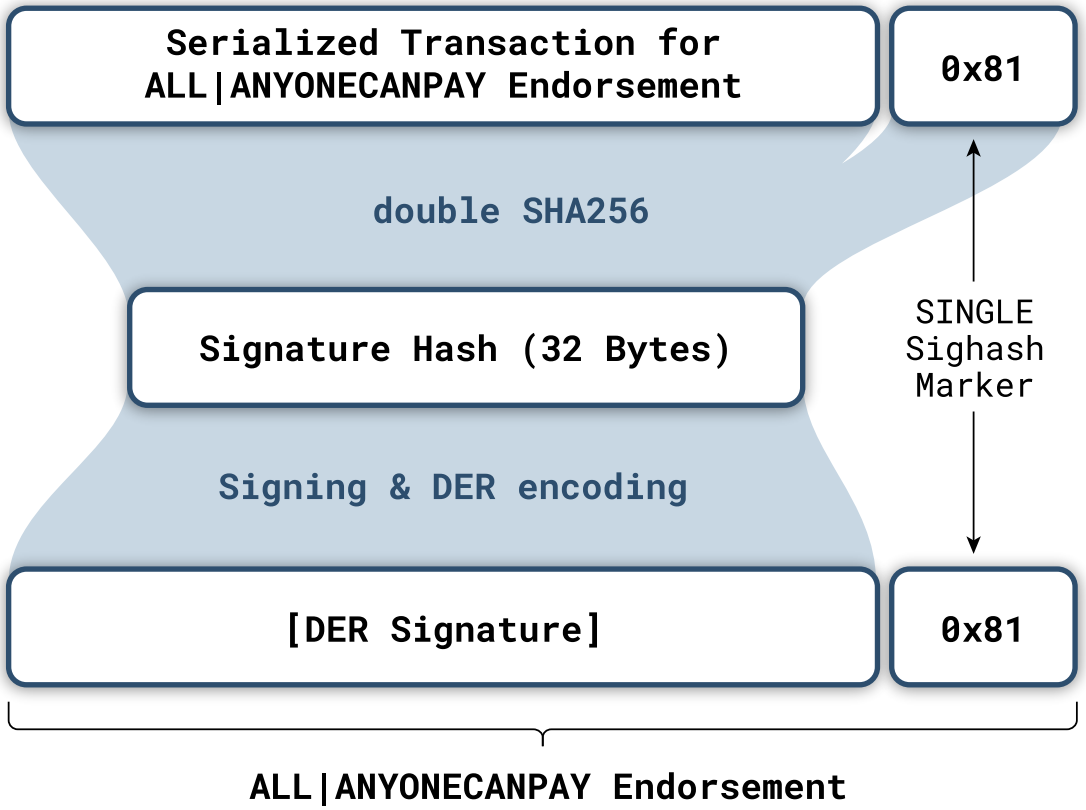
Signature Hash **SINGLE**



Sighash SINGLE (0x03)

- Endorses all inputs and single output of the same index.
- Non-endorsed outputs can be modified anytime after the endorsement is built.
- The serialised transaction sets other input scripts and sequences to 0.
- The serialised transaction sets non-endorsed output fields to 0.

Signature Hash **ANYONECANPAY**



ANYONECANPAY is a sighash modifier, which is set to modify any of sighash types ALL|NONE|SINGLE.

It allows all other inputs to be modified.

It is applied to the marker: Sighash Byte|0x80

For example:

Sighash ALL|ANYONECANPAY (0x81)

- Endorses/Signs single input and all outputs of transaction
- The serialised transaction only includes single input, but all outputs.

Esoteric use-cases

- Sighash ALL|ANYONECANPAY: Crowd-funding with a fixed goal
- Sighash NONE: Blank check of fixed amount
- Sighash NONE|ANYONECANPAY: Dust collector
- Factually ALL is used almost exclusively