

request

CKTs bank group id

read 128-byte data (32 banks)

Stall

Stall

Yes

access the same
bank group?

read 32-byte data (8 banks)

No

read CTs and CKTs

No (Miss)

32-byte
request?

Yes

a CK and a CKT
are matched?

Yes (Hit)

No

No (Miss)

a CK and 4 CKTs
are matched?

Yes (Hit)

