Normal cell

Migration cell

Wordline

Skipped wordline

a

Subarray i-1

WL driver

WL driver

Row buffer

Subarray i+1

b

BL0

BL2

BLSA

BLSA

WL0

WL1

WL2

BL1

BL2

BL3

BL4

c

GND

P-substrate

Junction

BL1

WL0

Storage node

WL1

BL2

WL2

Bitline contact

Buried WL

3

1

2

common diffusion region