

MOSFET(Metal-Oxide Semiconductor Field Effect Transistor)

MOS
source drain

gate

MOS

가

MOS
base,emitter,collector
gate,source,drain 3

source drain

bipolar

Bipolar

MOS

gate 가

가

	Bipolar gate	가 base . Gate	가 Source drain P	N	MOS gate MOS P
가	P MOSFET	PMOS	source drain N		
	N MOSFET	NMOS			

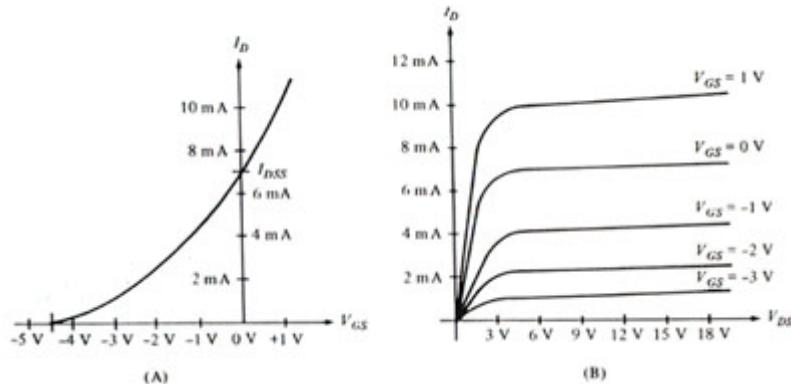
MOS

gate 가

gate

NMOS gate (+) 가

gate	(+) 가 . Gate	가	NMOS source MOS	drain	(-) 가 enhancement-mode MOS 가
	(+)				



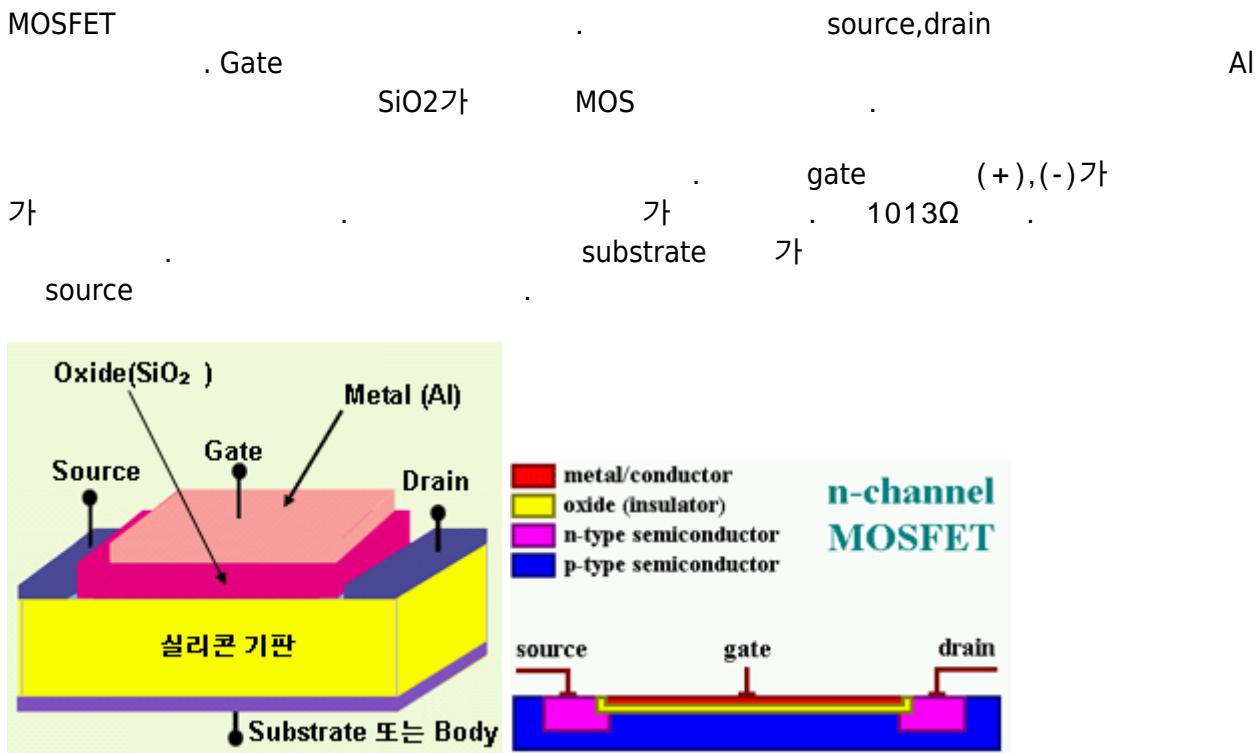
(A) gate
(+,-)가
(B) MOSFET가

drain-source
. JFET

drain-source
3V

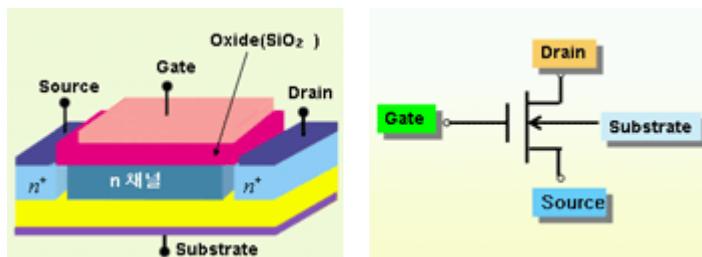
gate

MOSFET



MOSFET

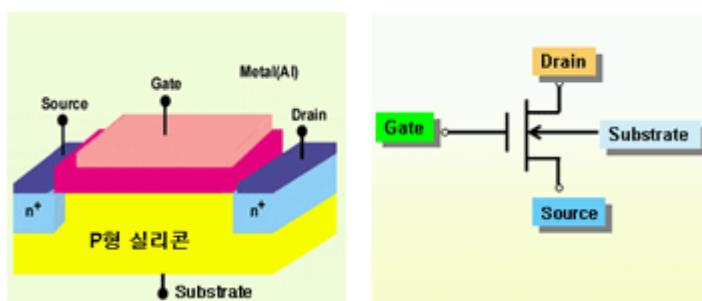
Depletion MOSFET



MOSFET
가

. Depletion
source-drain
source-drain

Enhancement MOSFET



source-drain
P

gate
N

, gate
gate
Inverse Layer

- Semipark

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