



PWR

GPIO Bank NA

# GateMate E1 Study Board

J1

GND

+5V

GND

EB\_A0

EB\_A1

EB\_A2

EB\_A3

EB\_A4

EB\_A5

EB\_A6

EB\_A7

EB\_A8

NA\_B0

A0

A

K

R30

U1

U4

U3

U2

5V Level Conversion

BZ1

JP1

SW0..9 pull-up

PB1

PB0

HEX5

HEX4

HEX3

HEX2

HEX1

HEX0

LED9

LED8

LED7

LED6

LED5

LED4

LED3

LED2

LED1

LED0

SW9

SW8

SW7

SW6

SW5

SW4

SW3

SW2

SW1

SW0

PB2

PB3

FM4DD



GPIO Bank SA

GPIO Bank SB

GPIO Bank EB

GPIO Bank EA

GPIO Bank WC