MCP2517FD / MCP2518FD breakout board

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Schematic

IC2

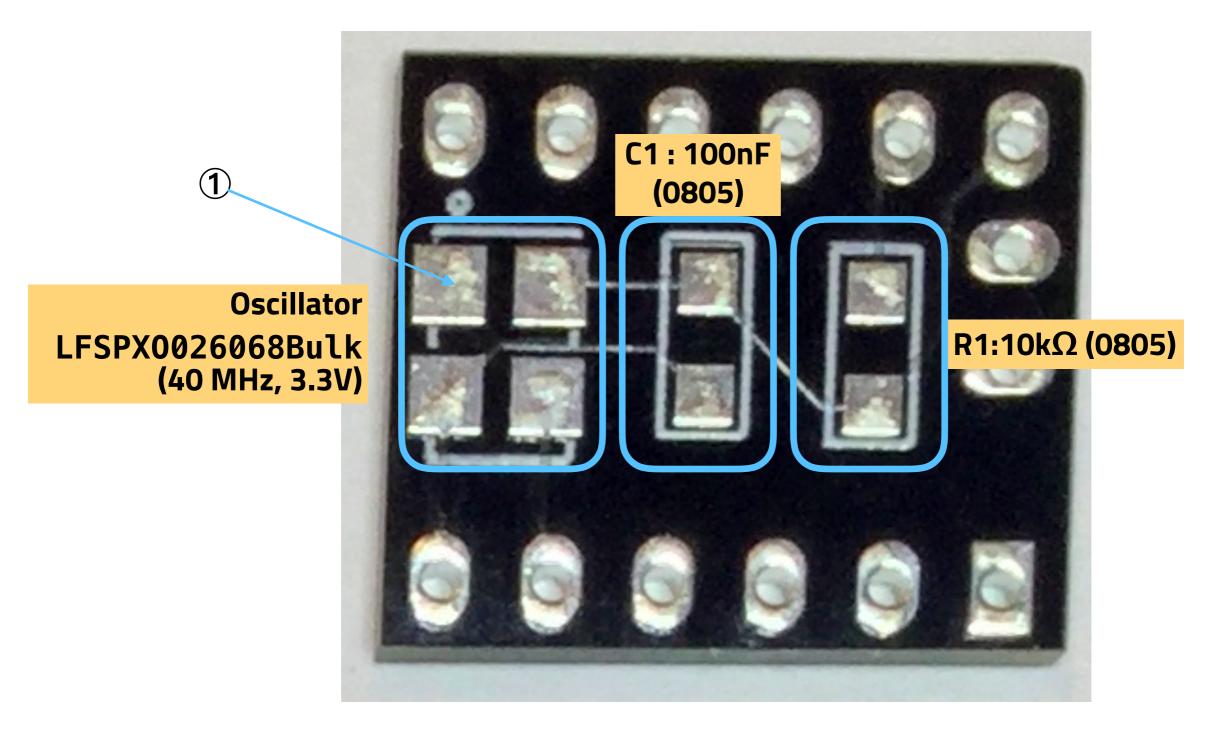| Pin	Left		Pin	Right
13	/CS		14	VDD
12	SDO		7	VSS
11	SDI		6	OSC1
10	SCK		5	OSC2
4	/INT		3	CLKOUT/SOF
9	/INT0		1	TXCAN
8	/INT1		2	RXCAN

/CS
SDO
SDI
SCK
/INT
/INT0
/INT1

VDD
VSS
OSC1
OSC2
CLKOUT/SOF
TXCAN
RXCAN

Q1

1	nc	Standby
		Output	3	OSC1
4	VDD	VDC
2	VSS	GND

4 MHz

IC1

/CS   13   /CS
SDO   12   SDO
SDI   11   SDI
SCK   10   SCK
/INT   4   /INT
/INT0   9   /INT0
/INT1   8   /INT1

VDD   14   VDD
VSS   7   VSS
OSC1   6   OSC1
OSC2   5   OSC2
CLKOUT/SOF   3   CLKOUT/SOF
TXCAN   1   TXCAN
RXCAN   2   RXCAN

VDD

C1
1
100nF
2

VSS

/CS   1   **R1**   2   VDD
         10 kΩ

MCP2517FD Breakout

1/1

2

9 October 2019 at 16:37

Board (front side)

VDD /CS SDI SCK /INT0 /INT1

SDO

RxCAN

MCP2517FD / MCP2518FD

①

TxCAN

CLOCKOUT SOF /INT OSC2 OSC1 VSS

3

Board (back side)

① Oscillator
LFSPX0026068Bulk
(40 MHz, 3.3V)

C1 : 100nF
(0805)

R1:10kΩ (0805)

If you put an oscillator, do not use OSC1 and OSC2 pins.