

Title		
Size	Number	Revision
A4		
Date:	31/8/2020	Sheet of
File:	D:\Pif course\...\MCU.SchDoc	Drawn By:

A

A

B

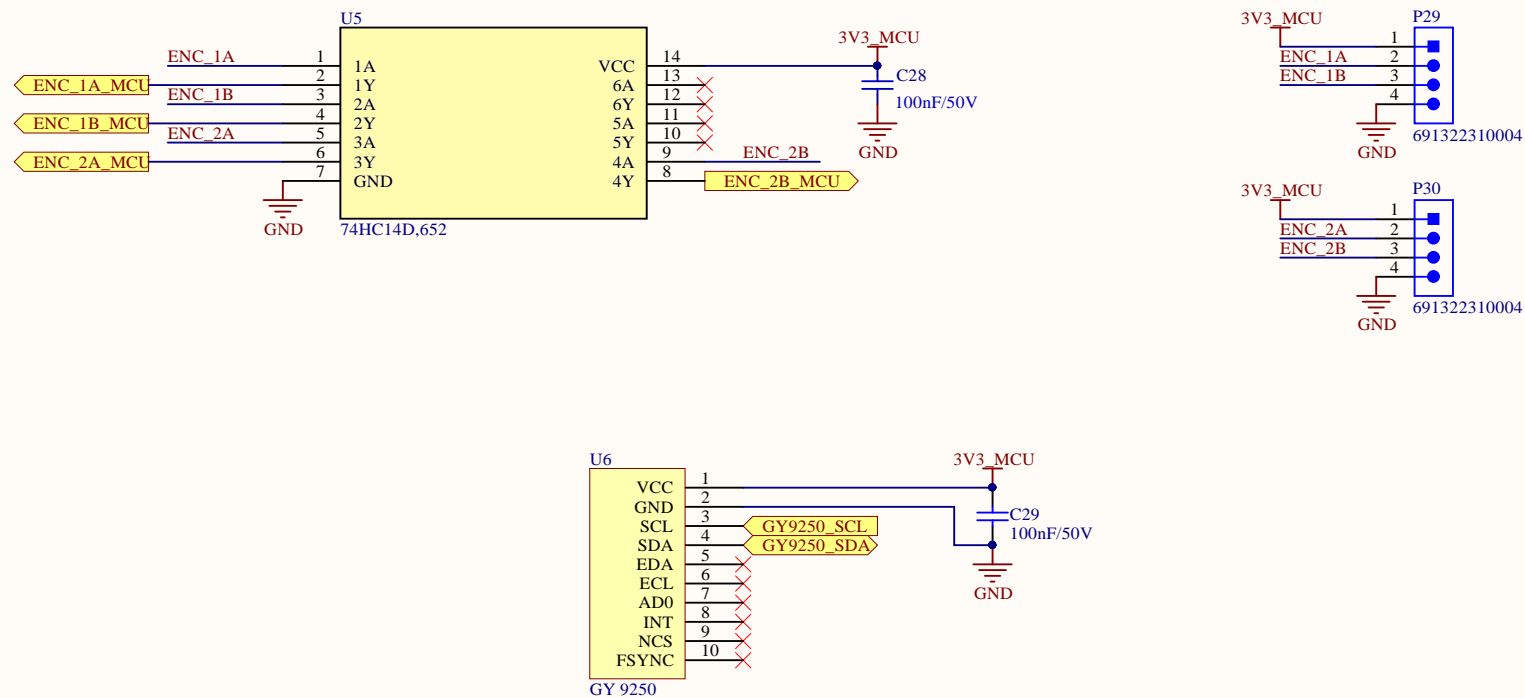
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C

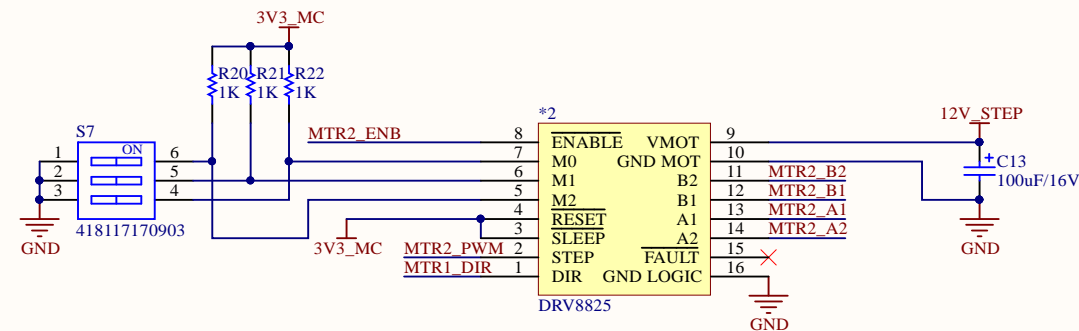
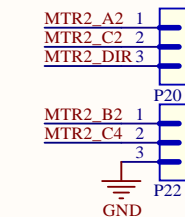
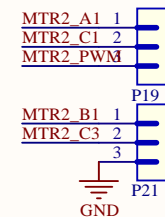
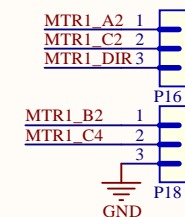
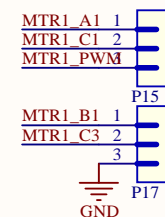
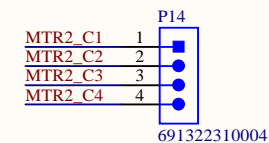
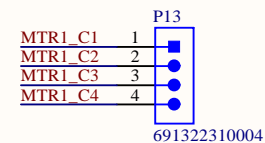
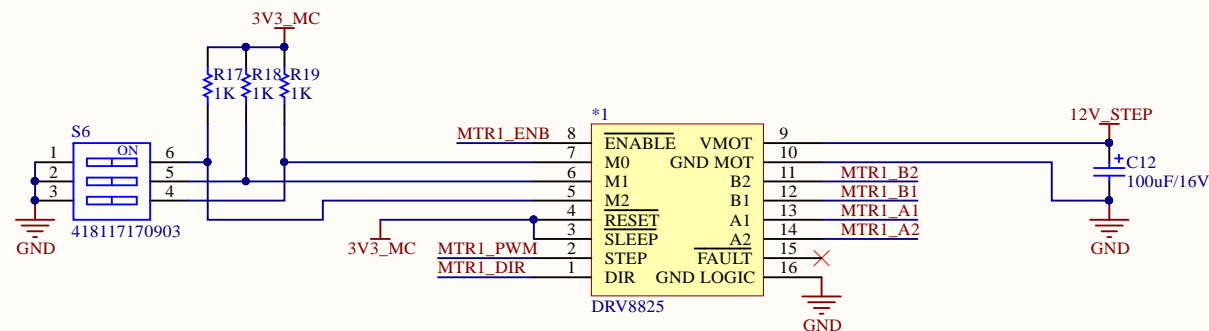
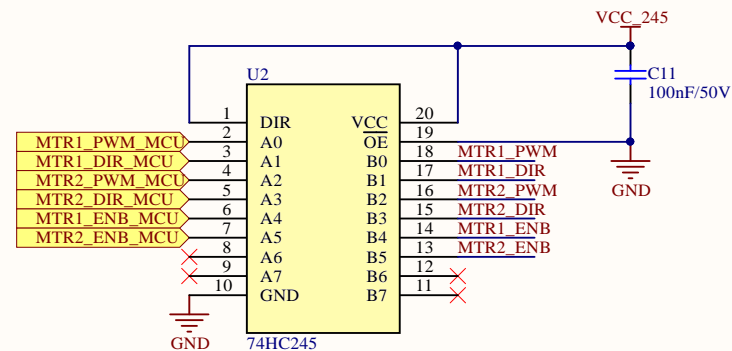
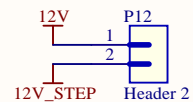
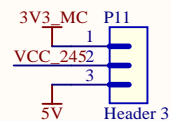
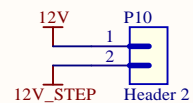
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D

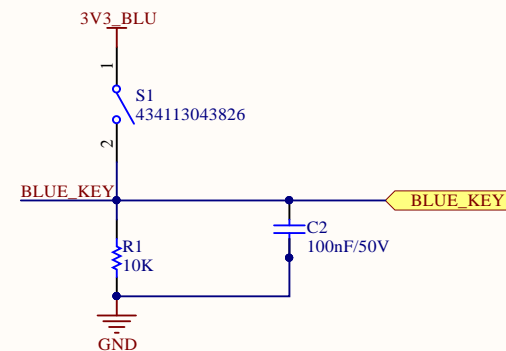
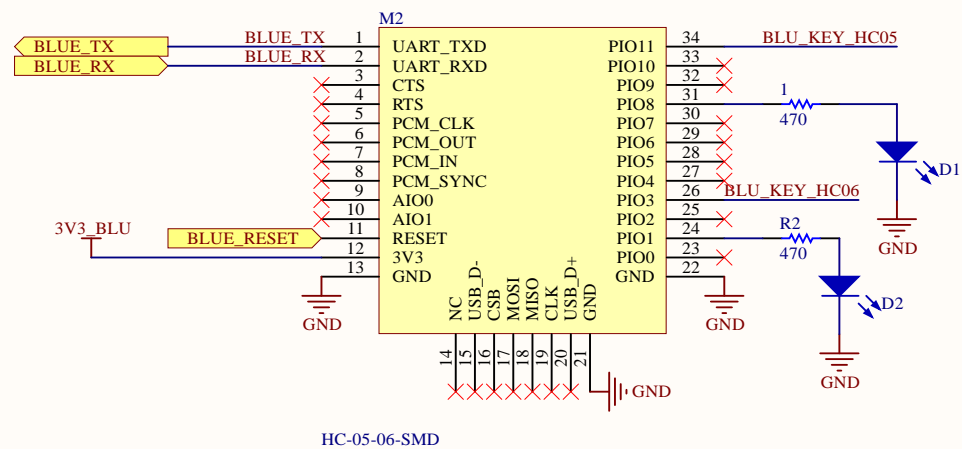
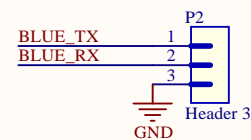
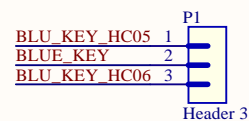
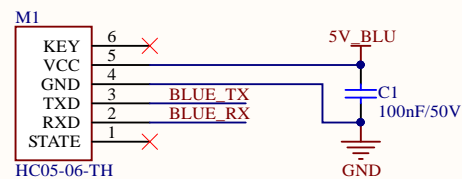
D



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A4		
Date:	31/8/2020	Sheet of
File:	D:\Pif course\..\Sensor.SchDoc	Drawn By:



Title		
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Title		
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File:	D:\Pif course\...\Bluetooth.SchDoc	Drawn By:

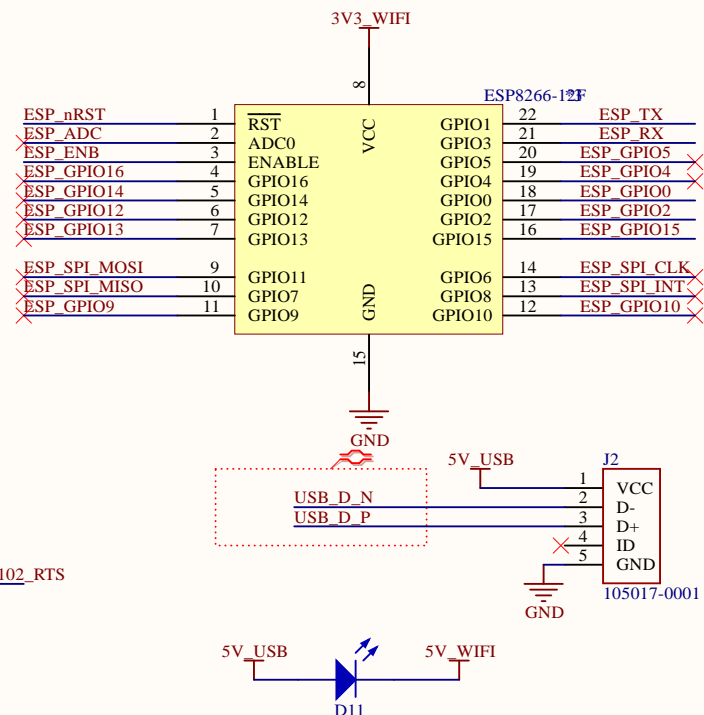
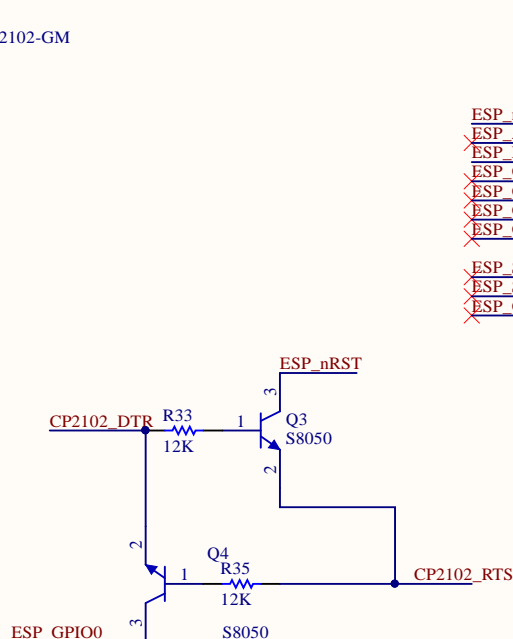
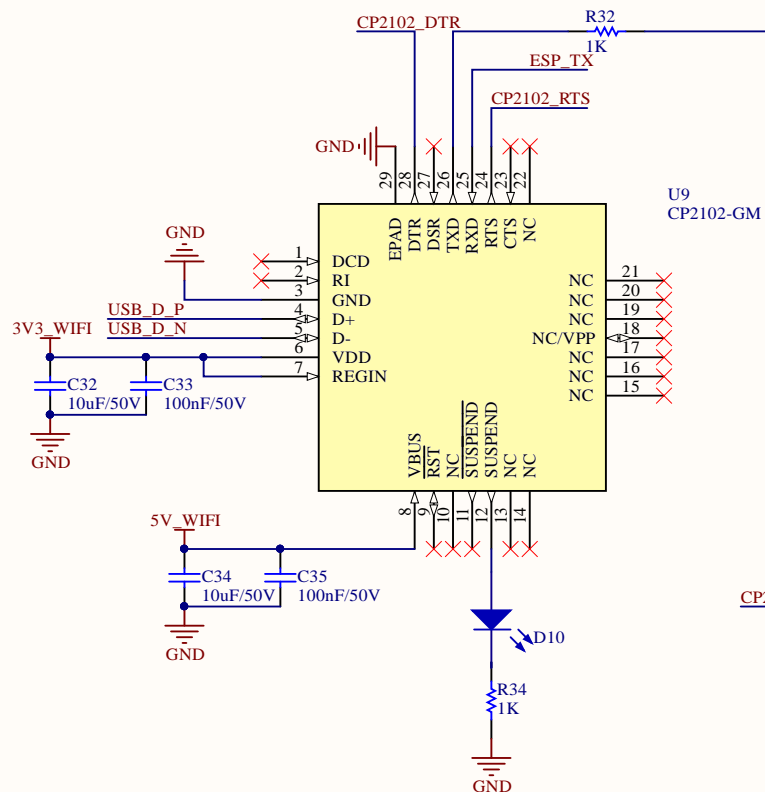
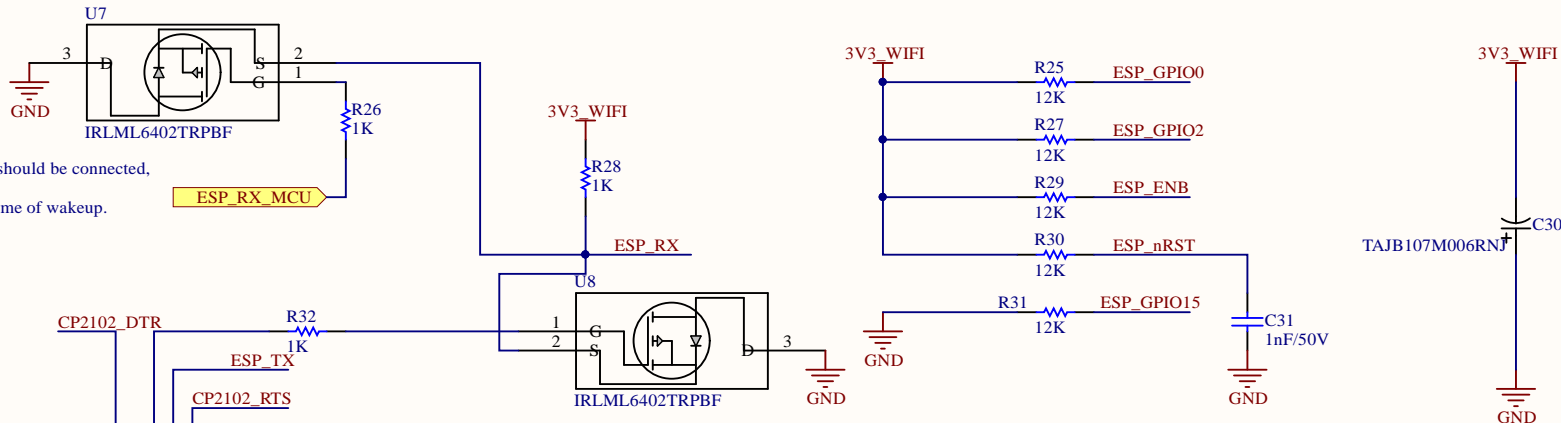
On every boot/reset/wakeup

**GPIO15 MUST keep LOW, GPIO2 MUST keep HIGH**

### GPIOD HIGH->RUN MODE, LOW->FLASH MODE

When you need to use the sleep mode, GPIO16 and RST should be connected,

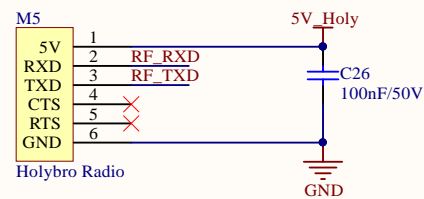
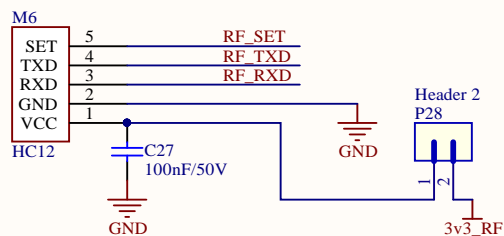
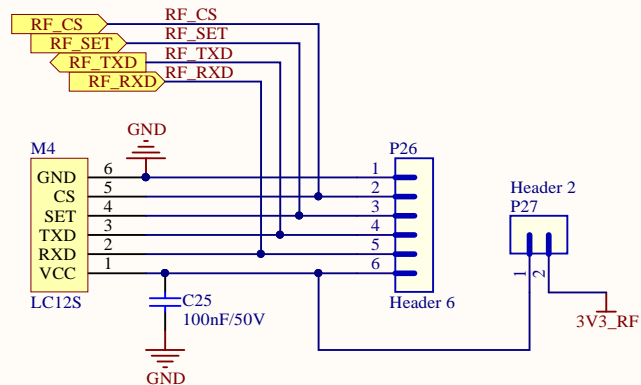
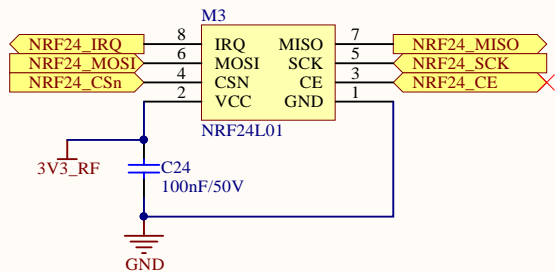
and GPIO16 will output LOW to reset the system at the time of wakeup.



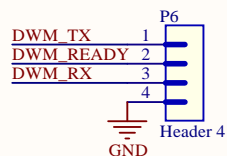
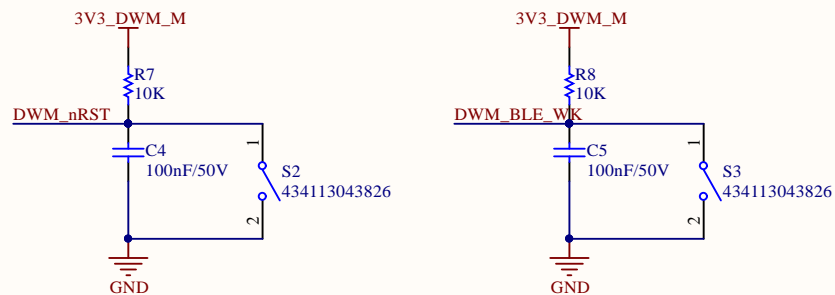
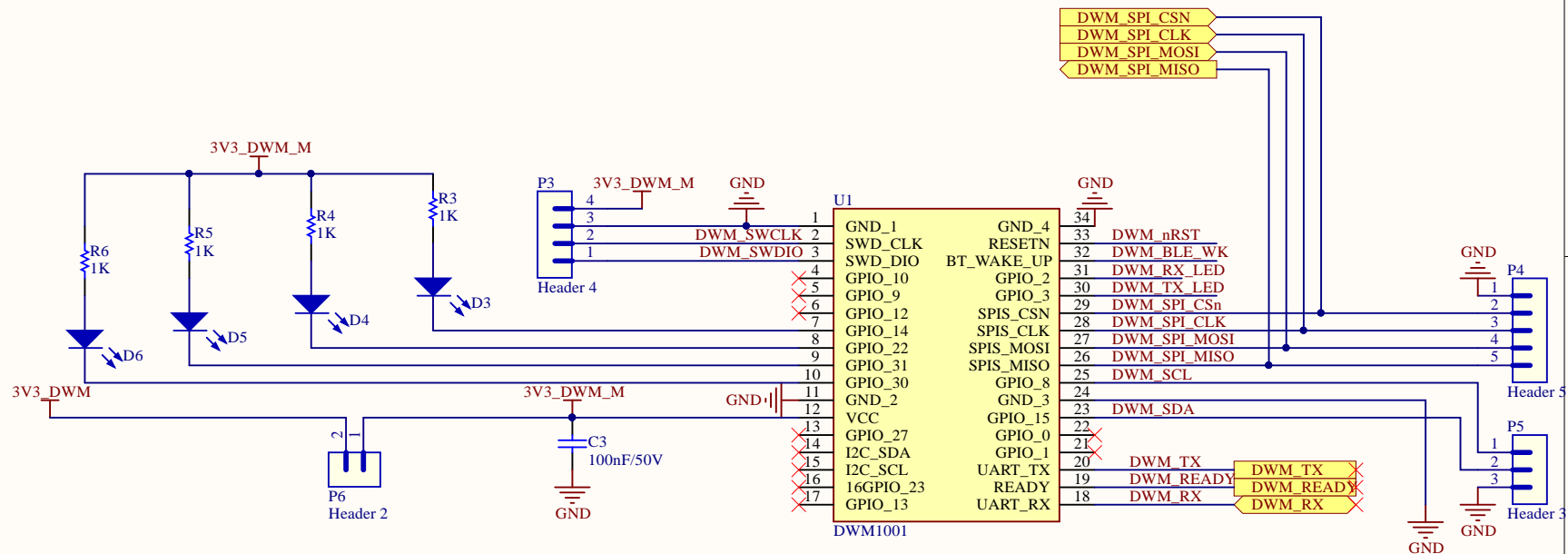
AUTO PROGRAM CIRCUIT  
DTR RTS RST GPIO0

$$\begin{pmatrix} 1 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 \\ 1 & 0 & 0 & 0 \\ 0 & 1 & 1 & 0 \end{pmatrix}$$

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A		
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Size A	Number	Revision
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