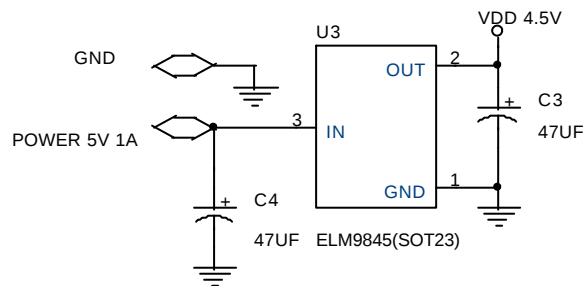
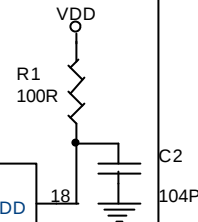
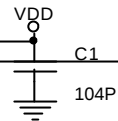
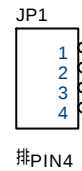
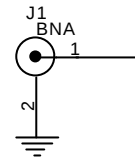


U1



ANT 1  
VCC 2  
DATA 3  
GND 4

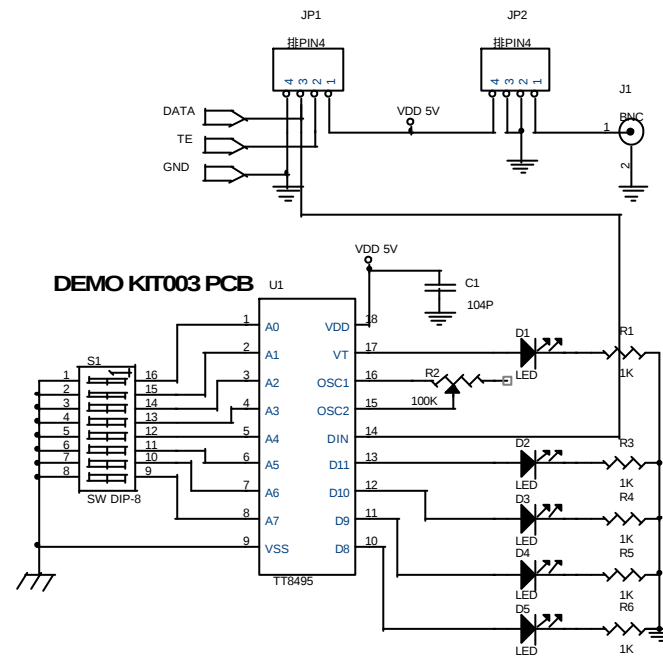
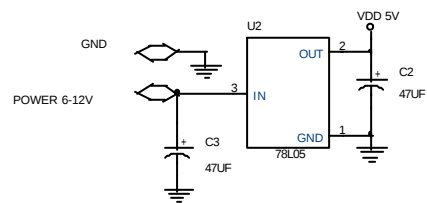
TWS-AS(外部)



|                               |                         |       |                   |
|-------------------------------|-------------------------|-------|-------------------|
|                               |                         |       |                   |
| Title <b>WENSHING ELECTRO</b> |                         |       |                   |
| Size<br>A                     | Document Number<br>KIT1 |       | Rev<br><Rev Code> |
| Date:                         | Tuesday, April 23, 2002 | Sheet | 1 of 1            |

# KIT2

## 用於RWS測試PCB

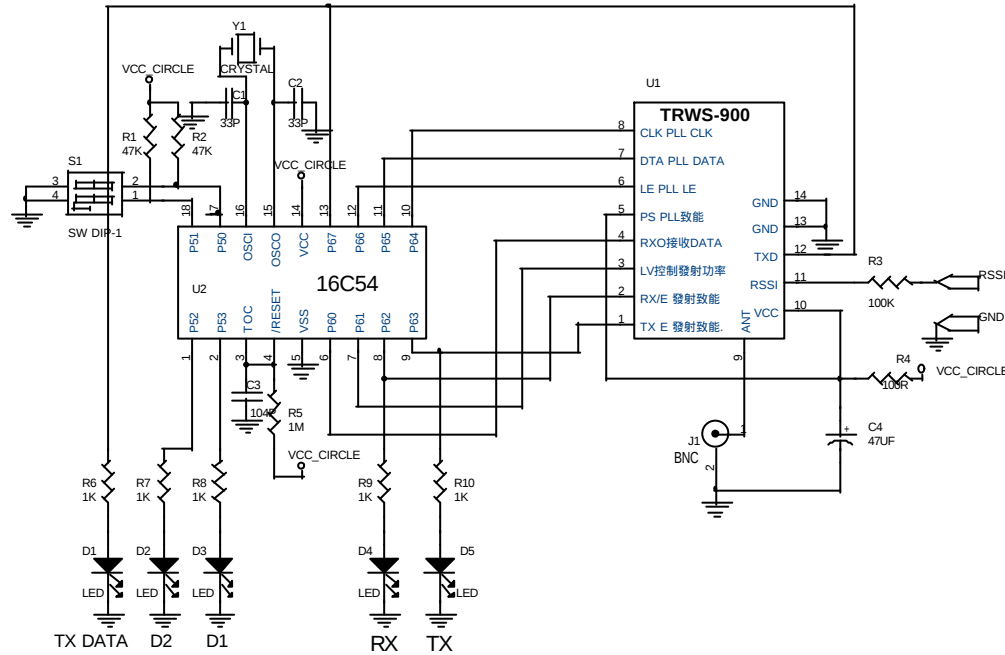


|       |                            |       |          |            |
|-------|----------------------------|-------|----------|------------|
| Title |                            |       | WENSHING |            |
| Size  | Document Number            |       |          | Rev        |
| B     | KIT3                       |       |          | <Rev Code> |
| Date: | Tuesday, November 27, 2001 | Sheet | 1 of 1   |            |

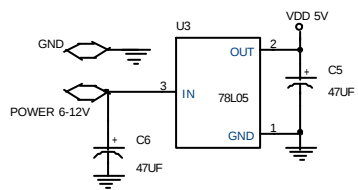


# KIT4

## TRS-890 DEMO PCB



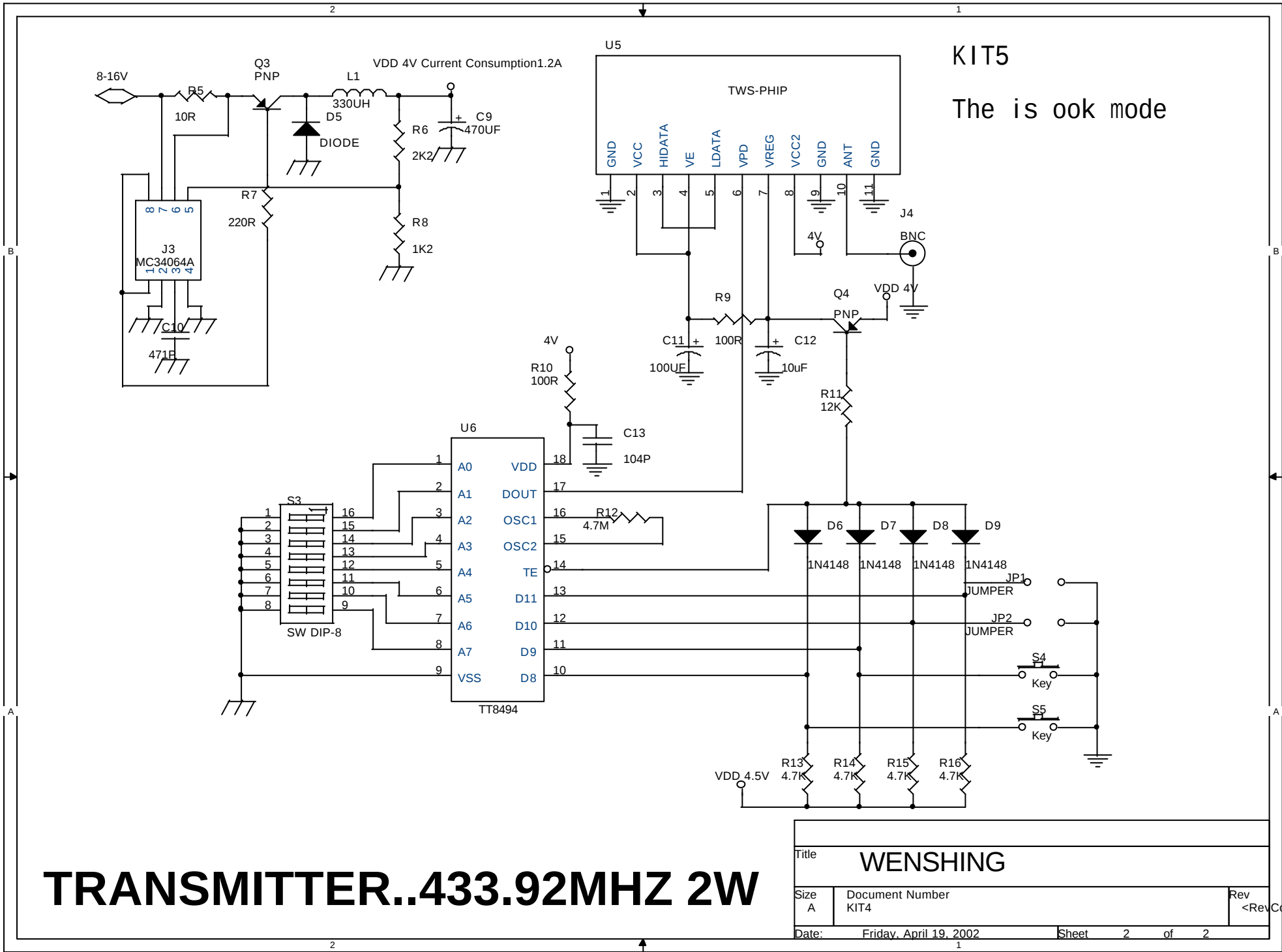
| MODE | SW DIP1 |     | descriptions                                                    |
|------|---------|-----|-----------------------------------------------------------------|
|      | 1       | 2   |                                                                 |
| 1    | ON      | ON  | Transmitter test mode data is HI:LO 1:1 cycle                   |
| 2    | ON      | OFF | Transmitter test mode data is HI:LO 1:4 cycle                   |
| 3    | ON      | OFF | The transceiver test(receive)mode must for other kit mode4      |
| 4    | OFF     | OFF | The transceiver(transmitter) test mode must for other kit mode3 |



**PS**  
Frequency deviation  $\pm 75\text{KHz}$   
20KBPS-100KBPS

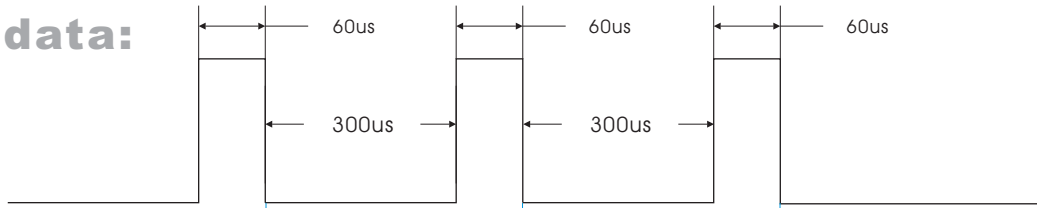
本線路圖受著作權保護, 非經書面授權, 不得翻閱, 複印, 抄襲, 公開場合傳閱, 否則受公訴, 民事責任及公司法

|       |                        |       |          |
|-------|------------------------|-------|----------|
| Title |                        |       | WENSHING |
| Size  | Document Number        | Rev   |          |
| B     | KIT4                   | 04    |          |
| Date: | Friday, April 19, 2002 | Sheet | 1 of 1   |

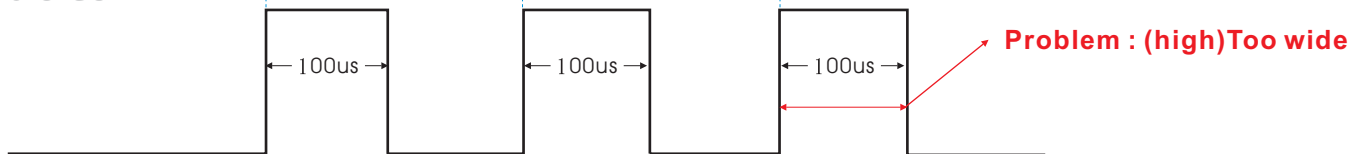


## RWS-371-6 Answer your quotion

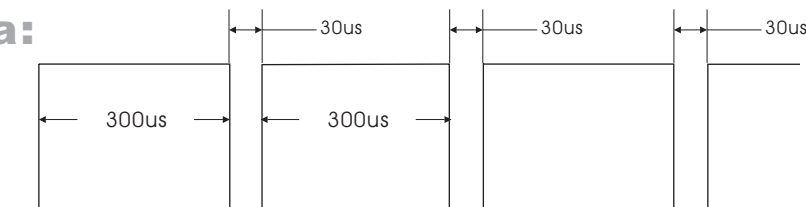
### ① Tx data:



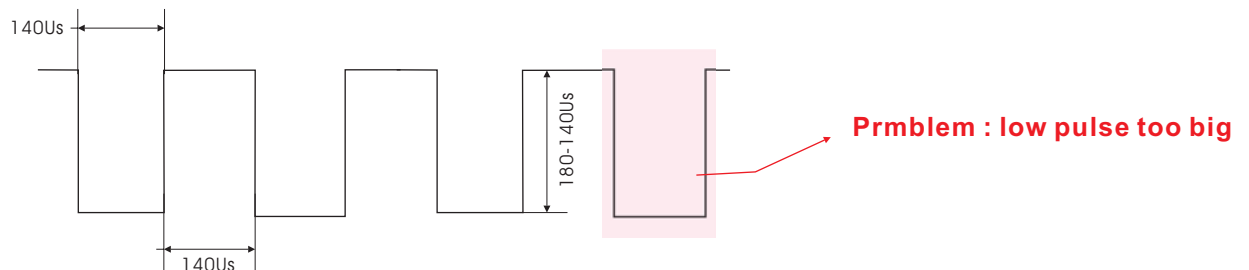
### Rx data:



### ② Tx data:



### Rx data:



**While you purchased our products, as the attached photo of problem happen during your testing**

Reason : As it is ASK Module, for the application, the average data code is not available  
Because of ASK ascribe electric field maldistribution, and make the date of ASM RX DATA and phase modulation too large, so decording must be used Manchester Cording or refer Hotai IC, 12E..... will be solved.

### Manchester Coding:(dsp)

