

XN297L: PAD location and Pin arrangement for COB.
The Origin Position (0,0) is set at Low-Left, include sealring.
(Sealring size is 17um for each side.)
Die Label "PN006" at location Metal4 (274, 1360)
铝垫厚度 2um
芯片最大加工厚度 280um (11 mil)
焊窗尺寸 74.8um*74.8um

| PIN Num | ond Statu | PAD Nur | Pin Name | X-coor(um) | Y-coor(um) | Note |
|-------------------------------|-----------|---------|-----------|------------|------------|--------------------------------------|
| Left Side on Package | | | | | | |
| 1 | | 1 | CE | | | Pin 1 Label (P1) CS |
| 2 | | 2 | CSN | | | |
| 3 | | 3 | SCK | | | |
| 4 | | 4 | MOSI | | | |
| 5 | | 5 | MISO | | | |
| 6 | | 6 | IRQ | | | RST |
| Bottom Side on Package | | | | | | |
| 7 | | 7 | CLK_OUT | | | XO |
| NC | | 8 | DUMMY PAD | | | |
| NC | | 9 | DUMMY PAD | | | |
| 8 | | 10 | VDD1 | | | |
| 9 | | 11 | VDD3 | | | |
| 10 | | 12 | VSS3 | | | |
| 11 | | 13 | VSS1 | | | |
| 12 | | 14 | XC1 | | | |
| 13 | | 15 | XC2 | | | |
| Right Side on Package | | | | | | |
| 14 | | 16 | GNDRF | | | |
| 15 | | 17 | GNDRF2 | | | |
| 16 | | 18 | ANT | | | |
| Upper Side on Package | | | | | | |
| 17 | | 19 | VDD2 | | | |
| 18 | | 20 | VSS2 | | | |
| 19 | | 21 | DIG_VSS | | | |
| NC | | 22 | DIG_VSS | | | |

注1: 绑定线直径为25um, 合金线

注2: 版本标注为61A 62A 63A 64A 70A 71A 72A,

注3: 由于缩版并非严格按照0.85倍进行, 所以以上尺寸仅作参考, 实际尺寸比上述值偏小1~2um

注4: CE可以用SPI命令代替, 不打线, IRQ可以用软件查询的方式, 可以不打线,
CLK_OUT一般用不到, 不需要打线,

COB

