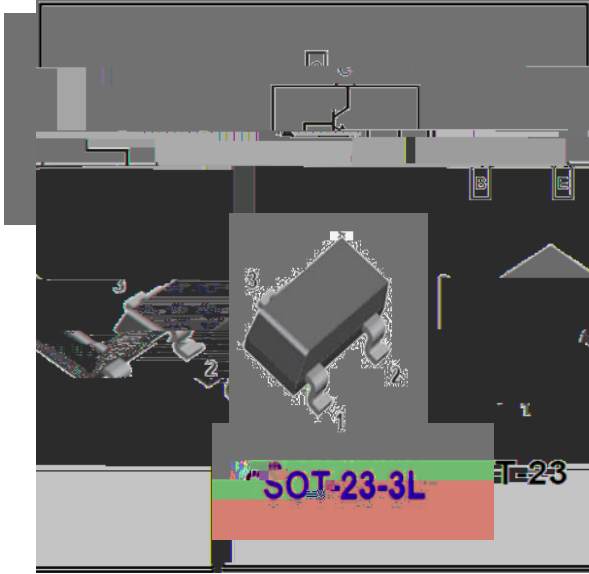




# 2SC2412K

6 X UID F  
RoHS  
COMPLIANT  
131



### Mechanical Data

" Package 627 /  
" Terminals 7LQ SODWHG OHDGV VROGHUDEOH SHU  
- 67' DQG -(6' %

### " Marking

|     |     |     |
|-----|-----|-----|
| 6 & | . 4 | % 4 |
| 6 & | . 5 | % 5 |
| 6 & | . 6 | % 6 |

### v Maximum Ratings 7D XQOHVV RWKHUZZLVH QRWHG

| Item                           | Symbol | Unit | Conditions  | Value |
|--------------------------------|--------|------|-------------|-------|
| &ROOHFWRU %DVH 9ROWDJH         | &%2    | 9    | 9 ,& \$ ,(  |       |
| &ROOHFWRU (PLWWHU 9ROWDJH &(2  |        | 9    | 9 ,& P\$ ,% |       |
| (PLWWHU %DVH 9ROWDJH           | (%2    | 9 9  | , ( \$ ,&   |       |
| &ROOHFWRU &XUUHQW              | &      | \$   |             |       |
| &ROOHFWRU 'LVVLSDWLRQ          | 3&     | P :  |             |       |
| 2SHUDWLRQ -XQFWLRQ 7HPSHUDWXUH |        | -    | 7           |       |
| 6WRUDJH 7HPSHUDWXUH            | v w j  | - 7  |             | WR    |

### v Electrical Characteristics 7D XQOHVV RWKHUZZLVH QRWHG

| Item                                 | Symbol | Unit | Conditions           | Min | Type | Max |
|--------------------------------------|--------|------|----------------------|-----|------|-----|
| &ROOHFWRU EDVH EUHDNGRZQ YROWDJH     | &%2    | 9    | 9 ,& \$ ,(           |     |      |     |
| &ROOHFWRU HPLWWHU EUHDNGRZQ YROWDJH  | (%2    | 9    | ,& 9 P\$ ,%          |     |      |     |
| (PLWWHU EDVH EUHDNGRZQ YROWDJH 9     | (%2    | 9    | , ( \$ ,&            |     |      |     |
| &ROOHFWRU EDVH FXW RII FXUUHQW       | &X%2   | 9    | 9 \$(                |     |      |     |
| (PLWWHU EDVH FXW RII FXUUHQW         | (%2    | 9    | , 9% 9 \$&           |     |      |     |
| '& FXUUHQW JDLQ                      | ) (    | K    | 9 & ( 9 ,& P\$       |     |      |     |
| &ROOHFWRU HPLWWHU VDWXUDWLRQ YROWDJH |        |      | ,& P\$ ,% P\$        |     |      |     |
| 7UDQVLWLRQ IUHTXHQF\                 | 7      | 0+]  | 9 & ( 9 ,& P\$   0+] |     |      |     |
| &ROOHFWRU EDVH RXWSXW FSDFLWDQFH     |        |      | 9 & % & R, E   0-6)  |     |      |     |



v627 / 3DFNDJH 2XWOLQH 'LPHQVLRQV

v627 / 6ROGHULQJ )RRWSULQW



Disclaimer

7KH LQIRUPDWLRQ SGRFDMQHG LV IRXNLVHDIHQJHQRH<BQJMLH (OHFWURQLF 7HFKQRO  
ULJKW WR PDNH FKDLQJHVRZLWKR XWSKRLSULFDG\KFRQ/ RGLWSOD\HG KHUHLQ WURGLFSLWRQ  
RU RWKHUZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHVQLHFWGRVORFEHTXVLSBHZLWKRURGGHLYLDFHWVWIDQG  
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKRHKEDKOXQYFHWGRGURHHELVWELQKSDQXQFKU  
PHGLFDO LQVWUXPHQWVITWLSDFHGSVRUWHHURVSOXFFHDFDEKWLQDFWFRLOFRQDQUR  
GHYLFHV <DQJMLH RU DQIRQH RQ LWVQEMWKDQJ OLVEXLPHLWQRURWHDGSRQDPEBJHV  
RIVDOH

7KLV SXEOLFDWLRQISVXSSFHUWIDGIDVLQURQJPDVLSRQLSGHYRURXVGGGLWLRQDO  
KWWS ZZZ \DQJMLH FRP RU FRQDQGWRRXLFHQHFDW HXUW<DQJMLH VWDQFH