























| ITEM           | MOTOROLA<br>PART NUMBER | DESCRIPTION                   |
|----------------|-------------------------|-------------------------------|
| U211           | 5105279V65              | AND Gate                      |
| U214           | 5105279V65              | AND Gate                      |
| U401           | -----                   | Not Placed                    |
| U402, 403      | 5105329V12              | 8k x 24 DSPRAM                |
| U404           | 5105625U73              | FLASH (TSOP)                  |
| U405           | 5105457W70              | Digital Signal Processor      |
| U406           | 5105457W19              | ADSIC (ABACUS/DSP Support IC) |
| U407           | 5105492X73              | Voltage Detector XSX          |
| U408 thru 412  | -----                   | Not Placed                    |
| U414           | 5105329V12              | 8k x 24 DSPRAM                |
| U415           | 5105492X05              | OR Gate                       |
| U416           | -----                   | Not Placed                    |
|                |                         | <b>DIODE:</b> See Note 1.     |
| VR201 thru 203 | 4813830A15              | Zener, 5.6V                   |
| VR204, 205     | -----                   | Not Placed                    |
| VR206          | 4813830A31              | Zener, 18V                    |
| VR207          | 4813830A22              | Zener, 9.1V                   |
| VR208          | 4813830A24              | Zener, 11V                    |
| VR209          | 4813830A15              | Zener, 5.6V                   |
| VR210          | -----                   | Not Placed                    |
| VR211 thru 214 | 4813830A15              | Zener, 5.6V                   |
| VR215 thru 223 | -----                   | Not Placed                    |
|                |                         | <b>CRYSTAL:</b> See Note 2.   |
| Y201           | 4805574W01              | 7.3728MHz                     |
| Y401           | 4805573W01              | 33MHz                         |
|                |                         | <b>MISCELLANEOUS:</b>         |
|                | 8405160Y02              | Printed Circuit Board         |

- Notes:**
- For optimum performance, order replacement diodes, transistors, and circuit modules by Motorola part number only.
  - When ordering crystals, specify carrier frequency, crystal frequency, crystal type number, and Motorola part number.
  - Part value notations:  
p= $10^{-12}$   
n= $10^{-9}$   
 $\mu$ = $10^{-6}$   
m= $10^{-3}$   
k= $10^3$   
M= $10^6$
  - ITEM refers to the component reference designator. SIDE refers to the location of the component on the board; S1=Side 1, S2=Side 2.
  - The VOCON Board Kit uses a 6-layer printed circuit board.























