

| <i>Item</i>                                      | <i>Qty</i> | <i>Reference</i> | <i>Part Description</i>             | <i>Manufacture / Part #</i>        |
|--|------------|------------------|-------------------------------------|------------------------------------|
|  |            |                  |                                     |                                    |
| <b>REQUIRED CIRCUIT COMPONENTS:</b>              |            |                  |                                     |                                    |
| 1  | 1          | C1               | Cap., X5R 2.2uF 6.3V 10%            | Taiyo Yuden JMK107BJ225KA-T        |
| 2  | 1          | C2               | Cap., X5R 10uF 6.3V 20%             | Taiyo Yuden JMK212BJ106MG-T        |
| 3  | 1          | L1               | Inductor, 10uH, 450mA, 0.30 Ohm 10% | Murata LQH32CN100K53               |
| 4  | 1          | U1               | I.C., DC/DC CONVERTER               | Linear Tech. Corp. LTC3525ESC6-3.3 |
|  |            |                  |                                     |                                    |
| <b>ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:</b> |            |                  |                                     |                                    |
| 1  | 1          | C3               | Cap., Tant. 33uF 10V 20%            | AVX TAJB336M010R                   |
| 2  | 1          | C4               | Cap., X5R 0.22uF 16V 10%            | Taiyo Yuden EMK107BJ224KA          |
| 3  | 1          | JP1              | Headers, 3 Pins 2mm Ctrs.           | CommConn Con Inc. 2802S-03G2       |
| 4  | 1          | XJP1             | Shunt, 2mm Ctrs.                    | CommConn Con Inc. CCIJ2MM-138G     |
| 5  | 1          | R1               | Res., Chip 2.2M 1/16W 5%            | AAC CR05-225JM                     |