

PCB Material: TC350 Plus Laminate (Rogers Corp.)
0.020" (0.508 mm) 1oz(35µm) 12" X 18" (305 X 457 mm)
Up plated copper to at minimum 70µm

PCB Size: 100.81mm X 79.38mm

1300 MHz Power Amplifier

| Ref | Size | Value |
|-----|------|-------|
|-----|------|-------|

| | | |
|----|---------|--|
| Q1 | SOT1787 | MRF13750H www.richardsonrfpd.com/Products/Product/MRF13750HR5 |
|----|---------|--|

| | | | |
|-----|------|------------|-----------------------------|
| C1 | 1111 | 24pF | Mouser:581-100B240JW500XT |
| C2 | 1111 | 24pF | Mouser:581-100B240JW500XT |
| C3 | 1111 | 24pF | Mouser:581-100B240JW500XT |
| C4 | 1206 | 1uF | Mouser:81-GRM31CR72A105KA01 |
| C5 | 1206 | 1uF | Mouser:81-GRM31CR72A105KA01 |
| C6 | 1111 | 1000pF | Mouser:581-100B102JW50XT |
| C7 | 1111 | 1000nF | Mouser:581-100B102JW50XT |
| C8 | 1111 | 1000pF | Mouser:581-100B102JW50XT |
| C9 | 1111 | 1000pF | Mouser:581-100B102JW50XT |
| C10 | 1111 | 24pF | Mouser:581-100B240JW500XT |
| C11 | 1111 | 24pF | Mouser:581-100B240JW500XT |
| C12 | 1111 | 18pF | Mouser:581-100B180JW500XT |
| C13 | 1111 | 18pF | Mouser:581-100B180JW500XT |
| C | | 470uF/100V | |
| C | | 470uF/100v | |