

VSWR Module beta1 BOM

Assembly Build - January 1, 2018

| Part ID | Description | Part Number | Sub OK | Designators | Footprint | Pins | Quantity |
|---------|---|------------------------------------|--------|--------------------|-----------------|------|----------|
| | 100nF 0805 \geq X7R \geq 25V \leq 10% | C0805C104K3RACTU | Y | C1,C2,C3,C8,C9,C10 | 0805 | 2 | 6 |
| | 100uF 0805 \geq X5R \geq 6.3V \leq 20% | GRM32ER60J107ME20L | Y | C4 | 0805 | 2 | 1 |
| | 10nF 0805 \geq X5R \geq 6.3V \leq 20% | C0805C103K5RACTU | Y | C5,C6,C7 | 0805 | 2 | 3 |
| | Schottky Barrier Diode | 1N5711WS-7-F | N | D1,D2,D3,D4 | SOD-323 | 2 | 4 |
| | IC REG LINEAR 3.3V 800MA | NCP1117ST33T3G | Y | IC1 | SOT223 | 4 | 1 |
| | 51.1 | MCPWR10FTEQ0510 | N | R1,R2 | 2010 | 2 | 2 |
| | 100K | CRCW0805100KFKEA | Y | R3,R4 | 0805 | 2 | 2 |
| | 220K | RCV0805220KFKEA | Y | R5,R6 | 0805 | 2 | 2 |
| | 1K | CRCW08051K00FKEA | Y | R7,R8 | 0805 | 2 | 2 |
| | 1K8 | CRCW08051K80FKEA | Y | R9,R10 | 0805 | 2 | 2 |
| | FT-50-43 | Amidon | N | T1,T2 | Custom | 4 | 2 |
| | General Purpose Amplifier 2 Circuit Rail-to-Rail | LMC6482AIM | N | U1 | SOIC-8 | 8 | 1 |
| | Slow ADC | MAX11613EUA | N | U3 | 8-MSOP (3.00mm) | 8 | 1 |

Line Items: SMT:12 Assembled TH:1

Parts: SMT:27 Assembled TH:2

Pins: SMT:68 Assembled TH:8

Do Not Assemble: J1 J2 J3 R11 R12