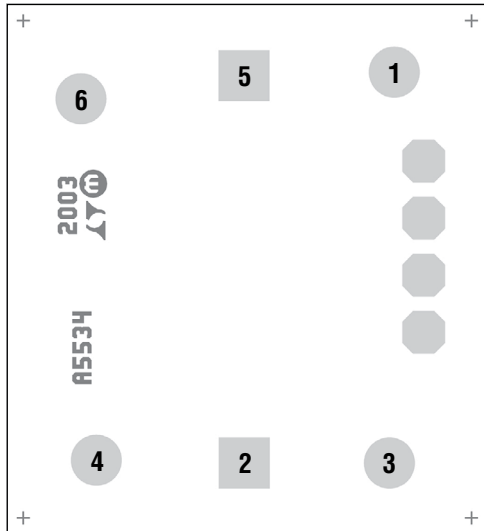


**50MHz to 3GHz RF Power Detector
 with 60dB Dynamic Range**


30mils × 33mils,
 8mils thick.
 Connect Backside to: GND

PAD FUNCTION

1. ENABLE
2. GND
3. V_{OUT}
4. V_{CC}
5. GND
6. RF

DIE CROSS REFERENCE

LTC® Finished Part Number	Order Part Number
LT®5534	LT5534DICE

Please refer to LTC standard product data sheet for other applicable product information.

LT, LT, LTC, LTM, Linear Technology and the Linear logo are registered trademarks of Linear Technology Corporation. All other trademarks are the property of their respective owners.

ABSOLUTE MAXIMUM RATINGS

(Note 1)

Power Supply Voltage5.5V
 Enable Voltage0V, V_{CC}

DICE/DWF ELECTRICAL TEST LIMITS $T_A = 25^\circ\text{C}$. $V_{IN} = 3.6\text{V}$, unless otherwise noted.

PARAMETER	CONDITIONS	MIN	MAX	UNITS
Power Supply				
Supply Voltage		2.7	5.25	V
Supply Current	EN = High	5	9	mA
Shutdown Current	EN = Low		10	μA

Note 1: Stresses beyond those listed under Absolute Maximum Ratings may cause permanent damage to the device. Exposure to any Absolute Maximum Rating condition for extended periods may affect device reliability and lifetime.

Information furnished by Linear Technology Corporation is believed to be accurate and reliable. However, no responsibility is assumed for its use. Linear Technology Corporation makes no representation that the interconnection of its circuits as described herein will not infringe on existing patent rights.

DICE/DWF SPECIFICATION

LT5534

Wafer level testing is performed per the indicated specifications for dice. Considerable differences in performance can often be observed for dice versus packaged units due to the influences of packaging and assembly on certain devices and/or parameters. Please consult factory for more information on dice performance and lot qualifications via lot sampling test procedures.

Dice data sheet subject to change. Please consult factory for current revision in production.

I.D.No. 66-13-5534

2

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