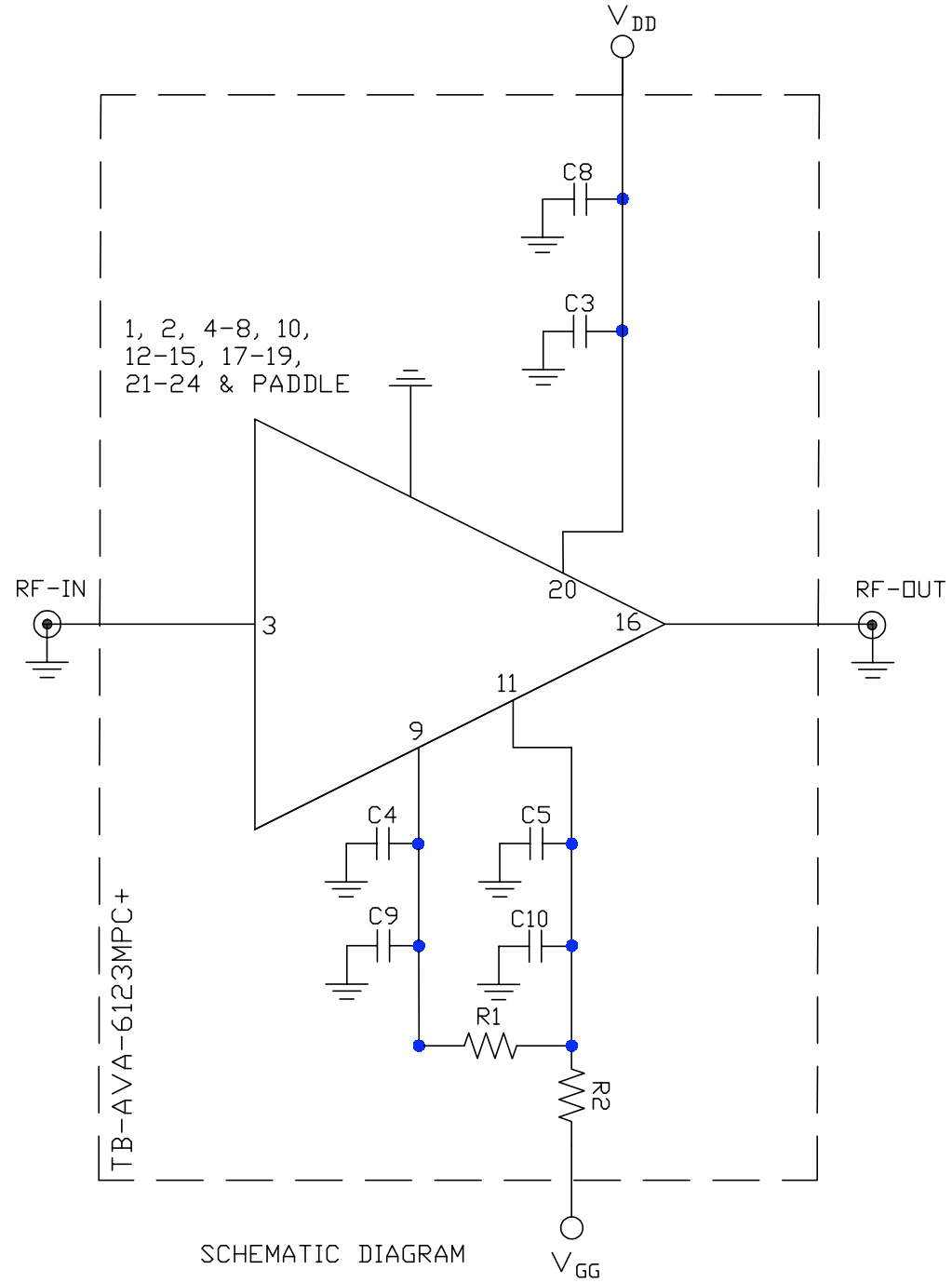
Evaluation Board and Circuit



SCHEMATIC DIAGRAM

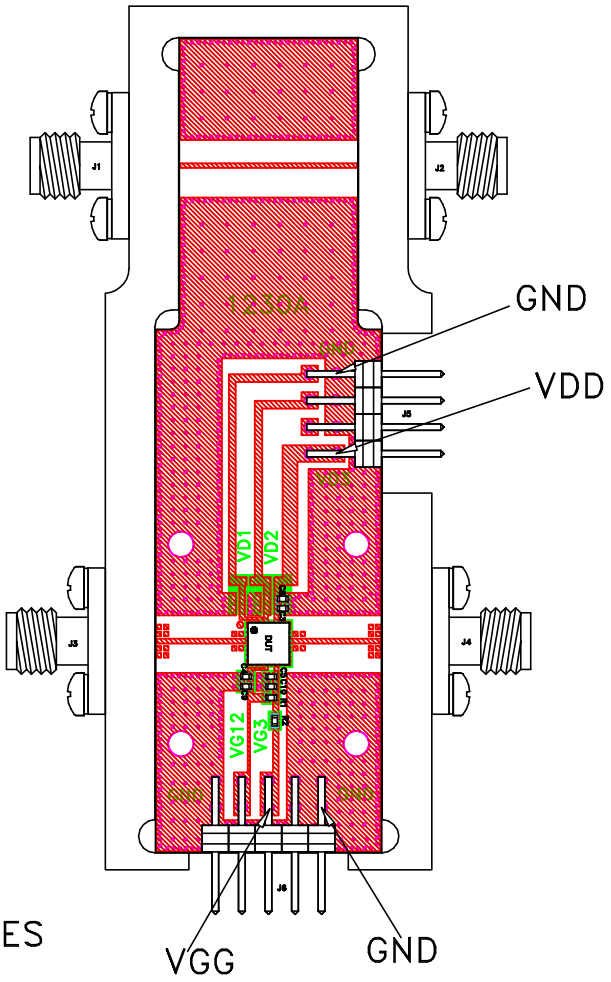
Component	Size	Value	PartNumber	Manufacturer
R1, R2	0402	100Ω	RK73H1ETTP1000F	KOA SPEER ELECTRONICS
C3–C5	0402	0.001µF	GRM1555C1H102JA01D	MURATA
C8–C10	0402	0.1µF	GRM155R71E104KE14D	MURATA

Notes:
1. 2.92mm Female Connectors.
2. PCB Material: Roger RO4003C LOPRO or equivalent, Thickness=0.0087±.001 inch

Mini-Circuits®

THIS DOCUMENT AND ITS CONTENTS ARE THE PROPERTY OF MINI-CIRCUITS.

TEST BIASING SEQUENCES



POWER ON/OFF SEQUENCES

Caution: Permanent damage to the device will occur if the Power ON and Power OFF sequences are not followed.

POWER ON

1. Set VGG= −2V. Apply VGG
2. Set VDD= +5V. Apply VDD
3. Increase VGG to obtain desired IDD=140mA
4. Apply RF Signal

POWER OFF

1. Turn OFF RF Signal
2. Adjust VGG down to −2V
3. Turn OFF VDD
4. Turn OFF VGG

Mini-Circuits

THIS DOCUMENT AND ITS CONTENTS ARE THE PROPERTY OF MINI-CIRCUITS.
EXCEPT FOR USE EXPRESSLY GRANTED, IN WRITING, TO ITS VENDORS, VENDEE AND THE UNITED STATES GOVERNMENT, MINI-CIRCUITS RESERVES ALL PROPRIETARY DESIGN, USE , MANUFACTURING AND REPRODUCTION RIGHTS THERETO.
THESE CONTENTS SHALL NOT BE USED, DUPLICATED OR DISCLOSED TO ANY OUTSIDE PARTY, IN WHOLE OR IN PART, WITHOUT WRITTEN PERMISSION OF MINI-CIRCUITS.

ASHEETA2.DWG REV:A DATE: 01/12/94

ALL DIMENSIONS ARE IN INCHES EXCEPT OTHERWISE SPECIFIED

SIZE	CODE IDENT	DRAWING NO:	REV:
A	15542	TB-AVA-6123MPC-20+	A

FILE:	SCALE:	SHEET:
WTB-AVA-6123MPC+	4:1	5 OF 5