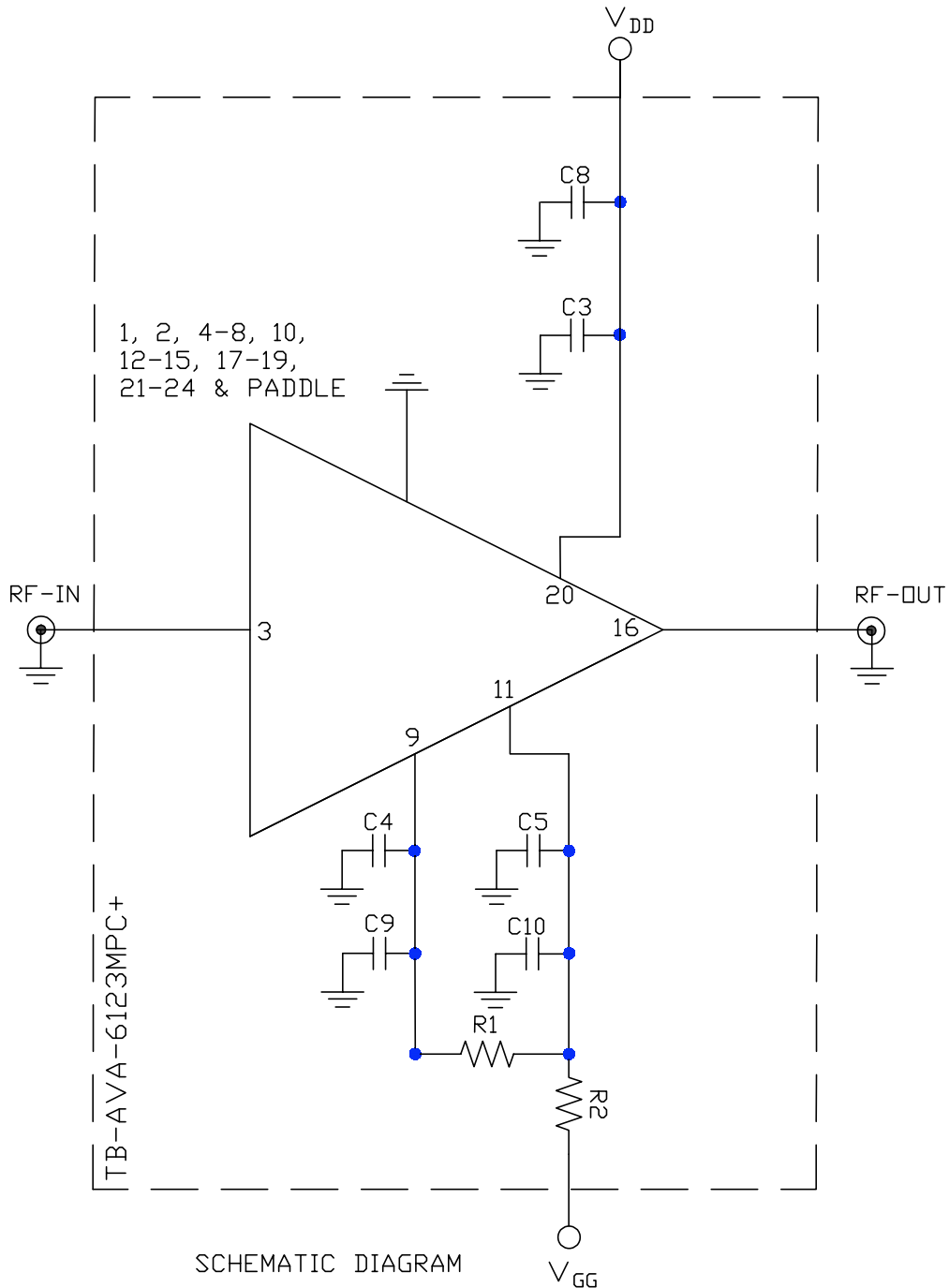


# Evaluation Board and Circuit



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

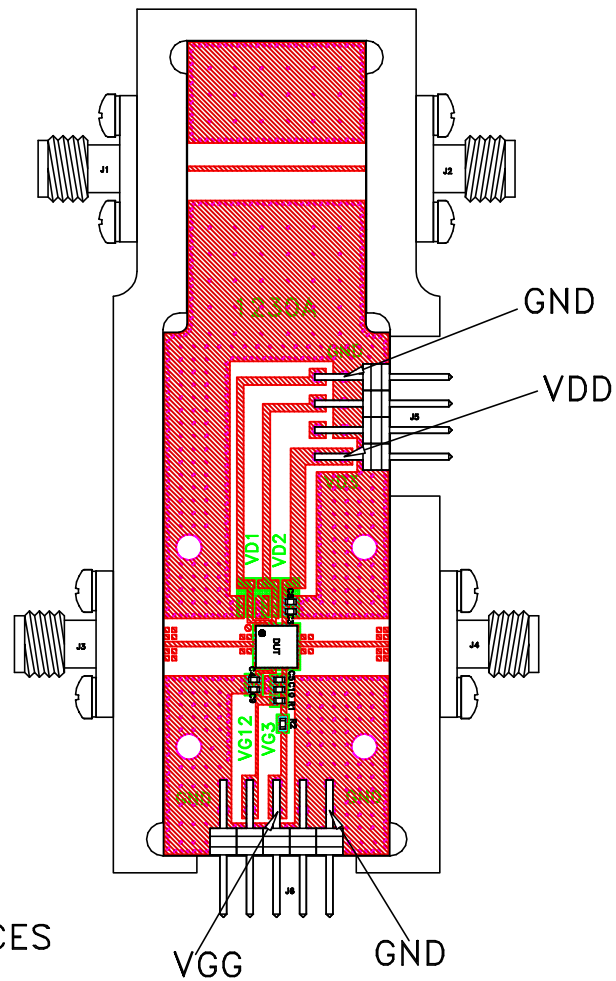
## Notes:

- 2.92mm Female Connectors.
- PCB Material: Roger R04003C LOPRO or equivalent, Thickness=0.0087±.001 inch



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## 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  $I_{DD}=140\text{mA}$
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

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SIZE	CODE IDENT	DRAWING NO:	REV:
A	15542	TB-AVA-6123MPC-20+	A
FILE: WTB-AVA-6123MPC+		SCALE: 4:1	SHEET: 5 OF 5