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25 PAD  
HYBRID  
CASE 127DN

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**PAD CONNECTION**

**Features**

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**MARKING DIAGRAM**



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# RHYTHM SB3231

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Table 2. ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Conditions	Min	Typ	Max	Units
<b>OUTPUT</b>						
	-	-	-		-	
		-	-			Ω
<b>CONTROL A/D</b>						
	-	-		-	-	
	-					

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Table 3. I<sup>2</sup>C TIMING

Parameter	Symbol	Standard Mode		Fast Mode		Units
		Min	Max	Min	Max	
			-		-	μ

# RHYTHM SB3231

## TYPICAL APPLICATIONS (continued)

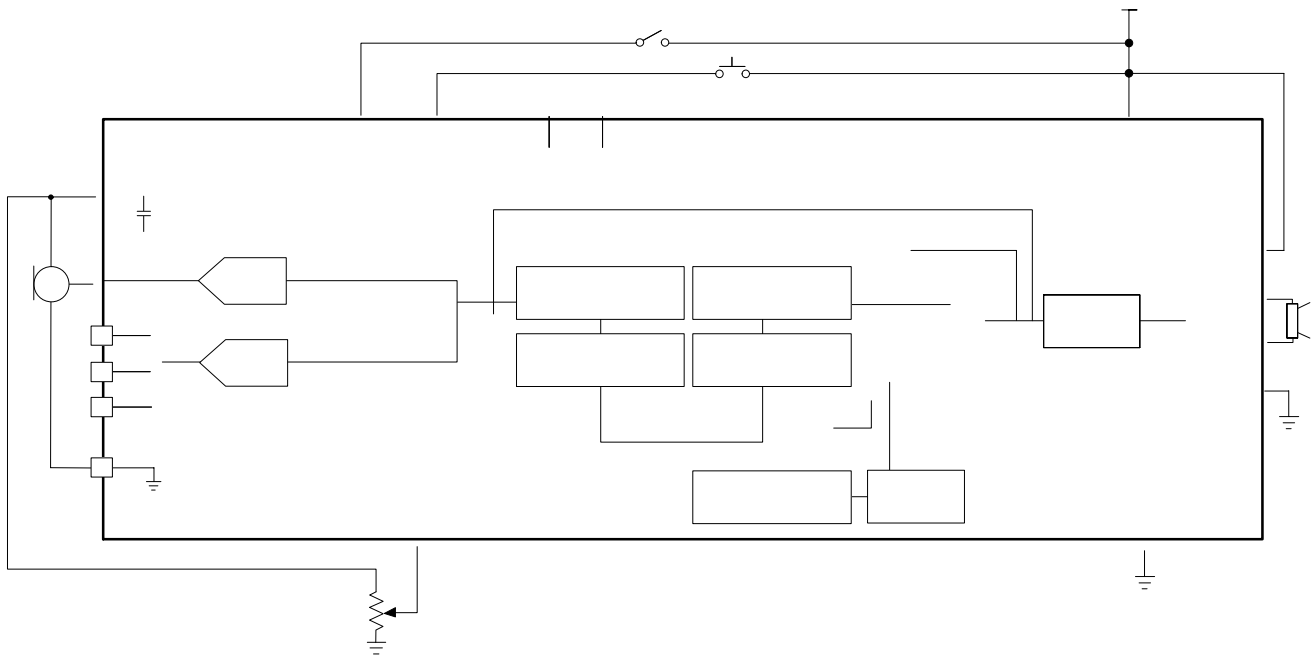


Figure 3. Typical Programmable Application Circuit

# RHYTHM SB3231

## RHYTHM SB3231 OVERVIEW

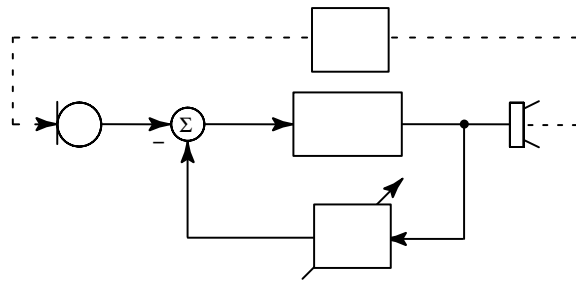


Figure 6. Adaptive Feedback Canceller (AFC)  
Block Diagram

Feedback Path Measurement Tool

Automatic Telecoil

Adaptive Noise Reduction

Adaptive Feedback Canceller





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## Memory Select Switches

**Table 4. MS SWITCH MODES**

MS Switch Mode	MS1 Switch	MS2 Switch	Max # of Valid Memories	Only	MSSMode	Use

**Table 5. MS SWITCH LOGIC LEVELS VS. IDS PULLUPDOWN SETTINGS**

“PullUpDown” Setting in IDS	MS Switch State	MS Input Logic Level	Switch Connection





Deep Reset Mode

Advanced Reset Mode

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# RHYTHM SB3231

## ORDERING INFORMATION

Device	Package	Shipping
-		
- -		

## Hybrid Jig Ordering Information

# RHYTHM SB3231

## PAD LOCATIONS

Table 9. PAD POSITION AND DIMENSIONS

Pad No.	Pad Position	Pad DimensionsP	a	d
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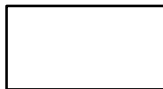
**SIP25, 5.59x3.18**  
CASE 127DN  
ISSUE A

SCALE 2:1

DATE 21 JUL 2020

QUALITY A

**GENERIC**



XX = Specific Device Code  
ZZ = Lot Traceability

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