www.onsemi.com

25 PAD
HYBRID
CASE 127DN

PAD CONNECTION

MARKING DIAGRAM

Features

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RHYTHM SB3231

Table 2. ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Conditions	Min	Typ	Max	Units
OUTPUT						
	–	–	–		–	
		–	–			Ω
CONTROL A/D						
	–	–		–	–	
	–					

Table 3. I²C TIMING

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

TYPICAL APPLICATIONS (continued)

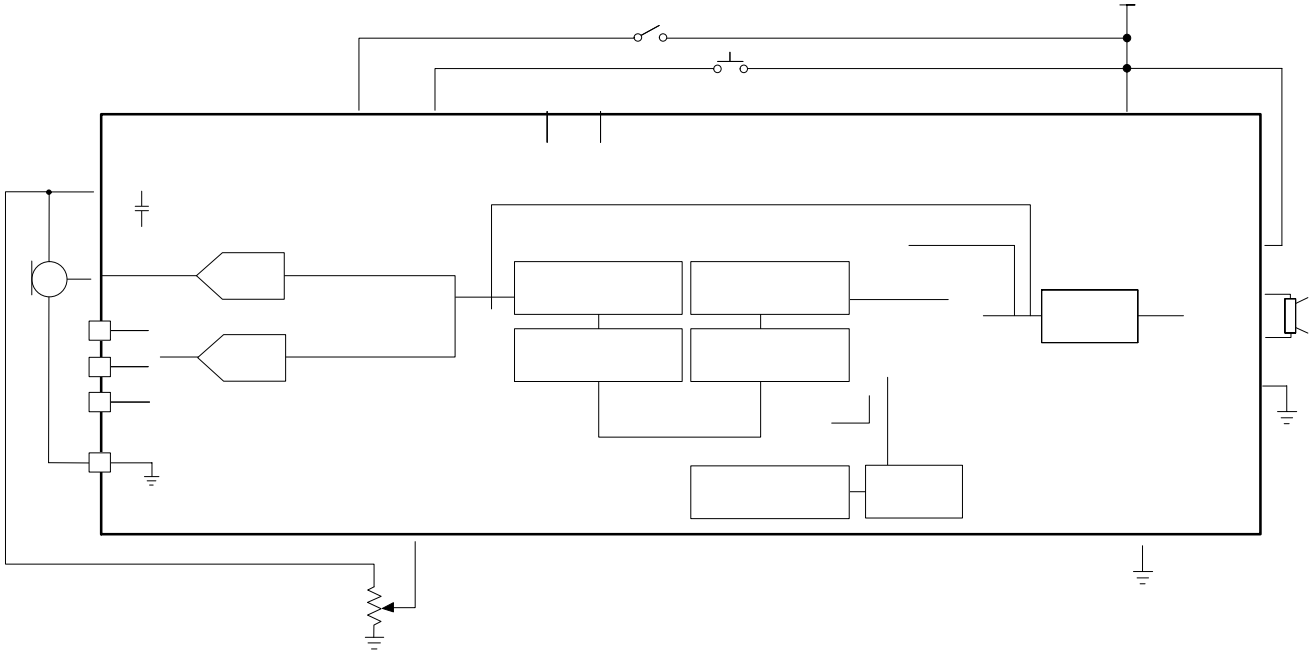

Figure 3. Typical Programmable Application Circuit

RHYTHM SB3231 OVERVIEW

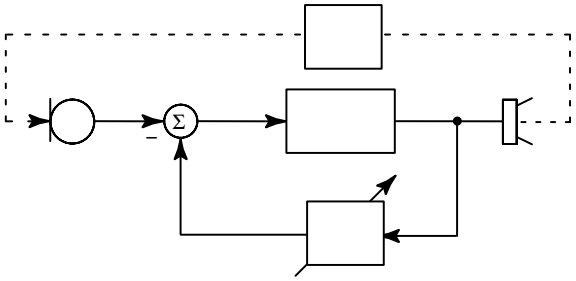

Figure 6. Adaptive Feedback Canceller (AFC) Block Diagram

Feedback Path Measurement Tool

Automatic Telecoil

Adaptive Noise Reduction

Adaptive Feedback Canceller

Memory Select Switches

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Table 4. MS SWITCH MODES

MS Switch Mode	MS1 Switch	MS2 Switch	Max # of Valid Memories	Donly	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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ORDERING INFORMATION

Device	Package	Shipping
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– –		

Hybrid Jig Ordering Information

PAD LOCATIONS

Table 9. PAD POSITION AND DIMENSIONS

	Pad Position	Pad DimensionsP	a	d
Pad No.				

Table 9. PAD POSITION AND DIMENSIONS

Pad No.	X	Y	Xdim (mm)	Ydim (mm)
	–			
	–	–		
	–	–		
	–	–		
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	–	–		
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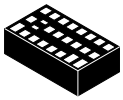


SCALE 2:1

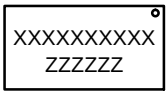
SIP25, 5.59x3.18
CASE 127DN
ISSUE A

DATE 21 JUL 2020

CROWNS OF THE PADS.

RECOMMENDED
MOUNTING FOOTPRINT

GENERIC
MARKING DIAGRAM*



XX = Specific Device Code
ZZ = Lot Traceability

*This information is generic. Please refer to device data sheet for actual part marking. Pb−Free indicator, “G” or microdot “▪”, may or may not be present. Some products may not follow the Generic Marking.