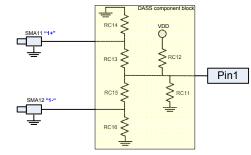


DUT Application Specific Stuffing options, DASS:

Figure below outlines the DUT Application Specific Stuffing, DASS, components comprising of six 0603 SMD package devices.



- Note: 2603 SMD landing Pad. Reserved for installing any resistor, capacitor, Inductor, bead, dode, or etc. 2. CC12 is referenced as ULFI bit. 1, 2" component—each pin has stuffing option for 6 component (referred as DASS) where 2. CC12 is referenced as ULFI bit. 1, 2" component or each pin has stuffing option for 6 component (referred as DASS) where 3. "1" and "1." ar "1" ar "1

- and AGNU:

 1- Available onboard standard 0.1" (2.54mm) pitch headers

 2- VDD pin is connected to the VDD PCB plane 3rd layer

 3- AGND is connected to the AGND PCB plane 2rd layer

 4- Each header is accompanied by 0603 SMD package for

Stuffing option, Matrix: Table below provides suggested stuffing options for the DASS components for push-pull, and open drain devices for INPUT, OUTPUT, supply and the GND signal interfaces.

DUT Pin configuration	Stuffing options	push-pull devices		open drain devices	
		Low voltage devices	High Voltage devices	Low voltage devices	High Voltage devices
Supply, VDD	RCx2	0.1 μF	0.1 μF	0.1 μF	0.1 μF
Supply GND	RCx1	0 Ω	0 Ω	0 Ω	0 Ω
INPUT	RCx1	50 Ω	50 Ω	50 Ω	50 Ω
OUTPUT	RCx1	5 pF	40 pF	5 pF	40 pF
	RCx5	1050 Ω	453 Ω	1050 Ω	453 Ω
	RCx6	Unused open		2Κ Ω	499 Ω
Application Specific	RCx3, RCx5	DUT Application Specific Suffing (DASS) - Must install with 0 Ω , if Not used.			

Pin4 Note: Each pin of U1 has identical stuffing options. RCx1 where the x is the U1.pin number ALL ZEBAX products are RoHS compliant and Lead Free unless otherwise indicated ZEBAX TECHNOLOGIES SANTA CRUZ, CA U.S.A (831) 2 2 2 - 0717 WWW.ZEBAX.COM ASSEMBLY DRAWING SPECIFIED DIMENSIONS ARE INCHES (MM). ITEM: ZX050C-MSOP8-C MSOP8 (TSSOP8) MSOP-8EP characterization **DESCRIPTION:** ALL ZEBAX TECHNOLOGIES DESIGN SPECIFICATIONS, DRAWINGS, PUBLICATIONS, AND OTHER DOCUMENTS (TOGETHER AND SEPARATELY, "MATERIALS") ARE BEING PROVIDED "AS IS." ZEBAX MAKES NO WARRANTIES, EXPRESSED, testing bringup breakout adapter SMA IMPLIED, STATUTORY, OR OTHERWISE WITH RESPECT TO THE MATERIALS, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF NO INFRINGEMENT, MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE. Information furnished is believed to be accurate and reliable. However, Zebax Technologies assumes no responsibility for the consequences of use of such information or for any infringement of patents or other rights of third parties that may result from its use. DRAWN: REVISSION: 1.0 Specifications mentioned in this publication are subject to change without notice. This publication replaces all other information previously supplied. Zebax Technologies products are not authorized as in life support devices or systems M. MARINA SLAVIK SHEET: 2 OF 2

Simplified Block Diagram:

Pin1

Pin2

Pin3

Pin8

Pin7

Pin6