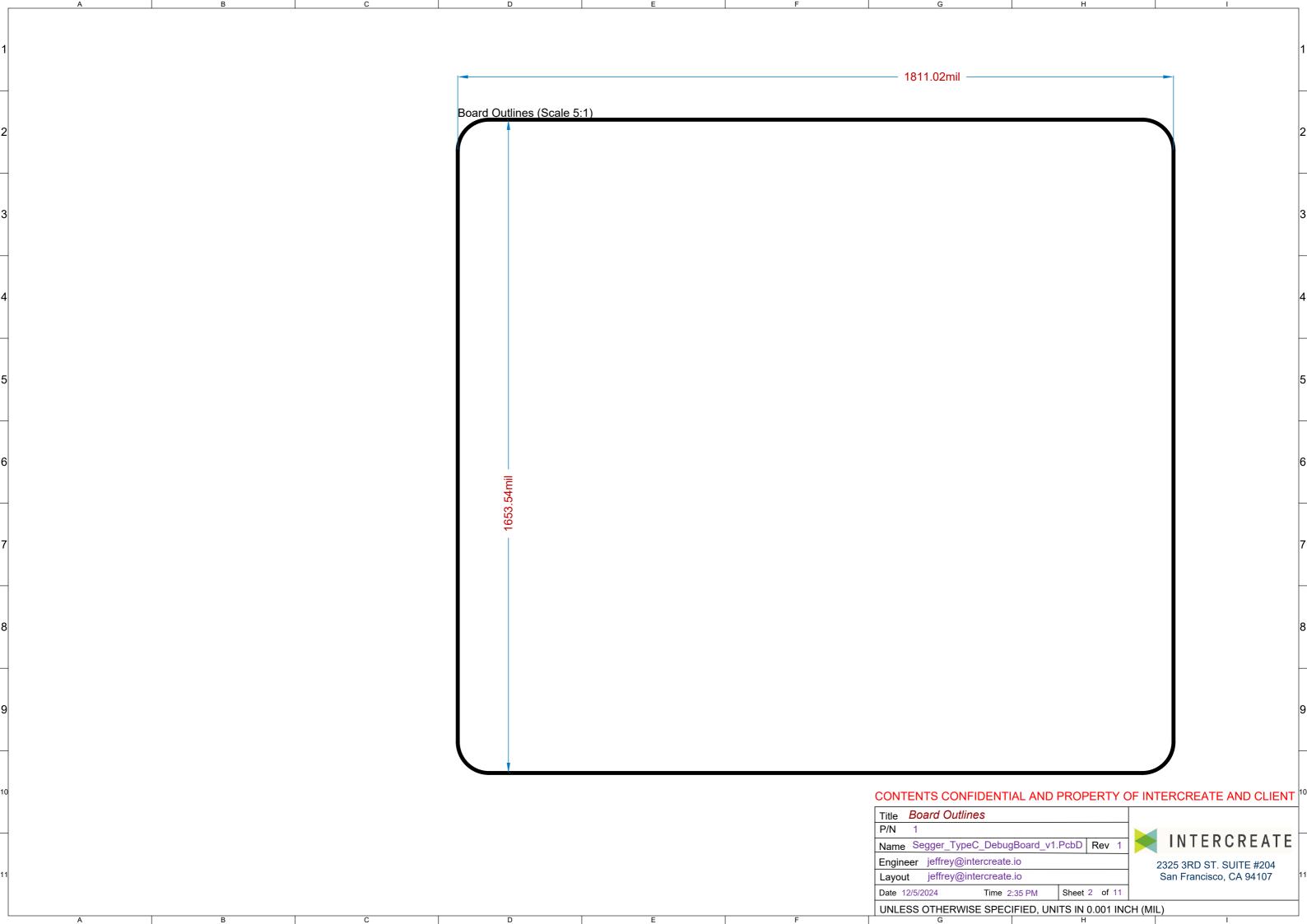
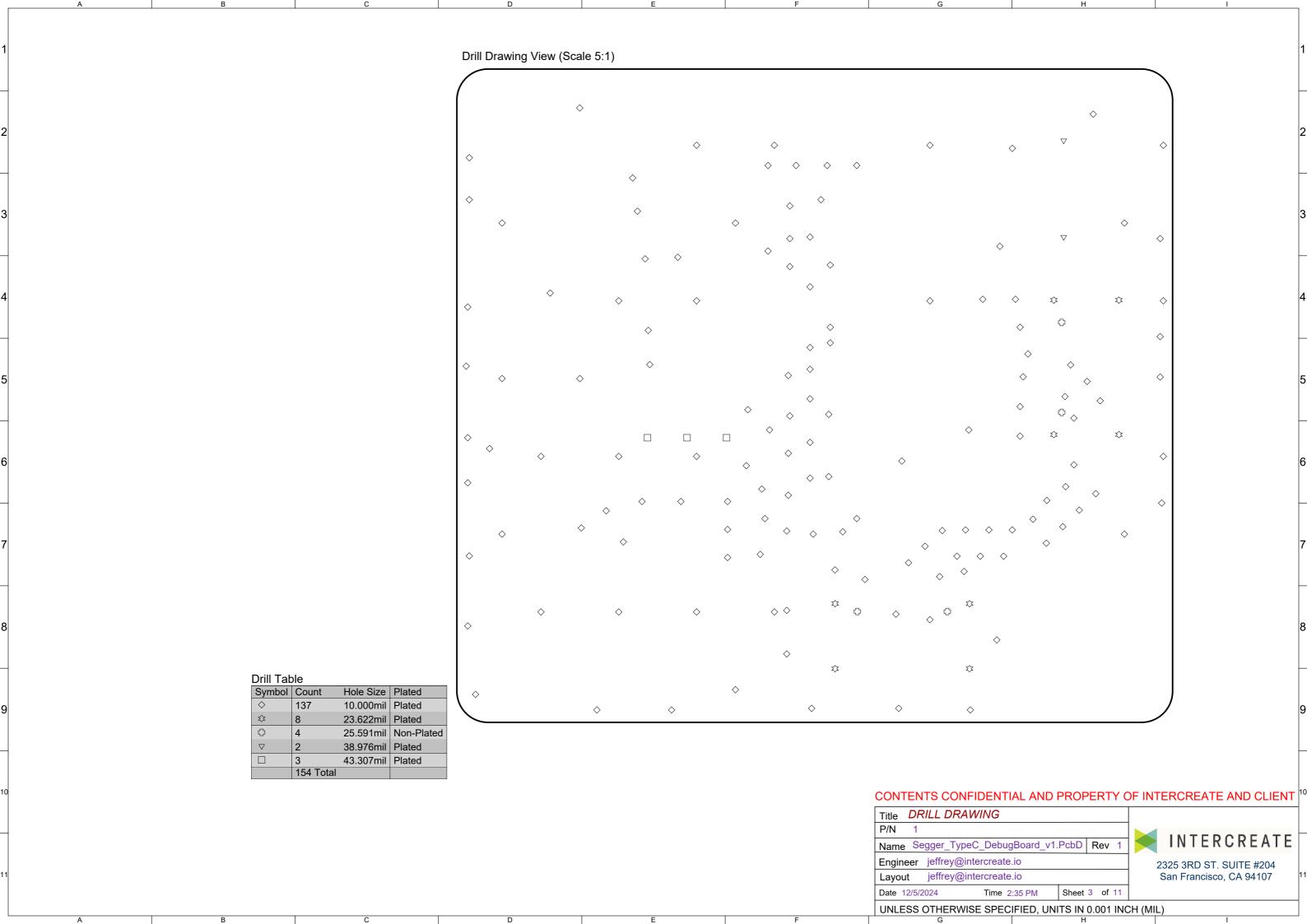
Transmission Line Structure Table Impedance Id Transmission Line Target Impedance Calculated Impedance Trace layer Wide Trace Width Narrow Trace Width Gap Reference layers Substack Clearance Target Tolerance Edge-Coupled Coated Microstrip 90 90.00 Top Layer 0.20mm 0.20mm 0.25mm Ground 1 Board Layer Stack 0.13mm 10% 90.00 Bottom Layer 0.20mm 0.20mm 0.25mm Ground 2 Board Layer Stack 0.13mm 10% Edge-Coupled Coated Microstrip 90 NOTES (Unless otherwise specified) **PCB MATERIAL** FR4 or similar SOLDER ENIG per IPC-4552 **WASHABLE** YES COPPER WEIGHT FOR OUTER LAYERS 1oz **PCB PLATING** ENIG per IPC-4552 VIA SIZE See Drill Table VIA IN PAD No VIA FILL No **VIA TENTING Both Sides** SUPPLIER DATE CODE FORMAT YY/MM SOLDER MASK COLOR **GRAY** SILK SCREEN COLOR WHITE ACCEPTANCE IPC-A-600 Class II PCB FINISH IPC-4552 Layer Stack Legend Material Thickness Dielectric Material Type Gerber Dk Layer Top Overlay GTO Legend Surface Material Top Solder Solder Mask GTS 0.010mm Solder Resist 3.5 Copper Top Layer 0.036mm Signal GTL Prepreg 0.100mm PP-006 Dielectric 4.1 CF-004 0.036mm G1 Ground 1 Signal 1.776mm FR-4 Dielectric 4.8 CF-004 0.036mm G2 Ground 2 Signal Prepreg 0.100mm PP-006 Dielectric 4.1 **Bottom Layer** 0.036mm Signal GBL Copper 0.010mm Solder Resist Solder Mask GBS 3.5 Surface Material Bottom Solder **Bottom Overlay** Legend GBO Total thickness: 2.140mm CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT 11 Title FABRICATION DRAWING INTERCREATE Name Segger_TypeC_DebugBoard_v1.PcbD | Rev 1 Engineer jeffrey@intercreate.io 2325 3RD ST. SUITE #204 jeffrey@intercreate.io San Francisco, CA 94107 Layout Date 12/5/2024 Time 2:35 PM Sheet 1 of 11

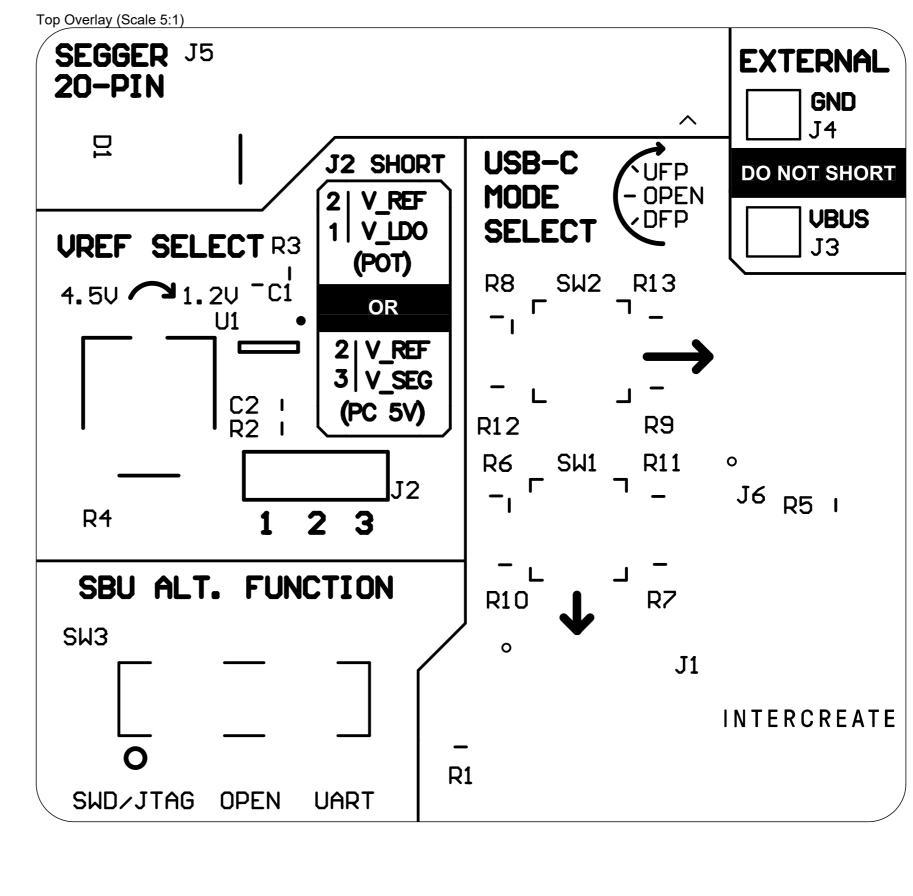
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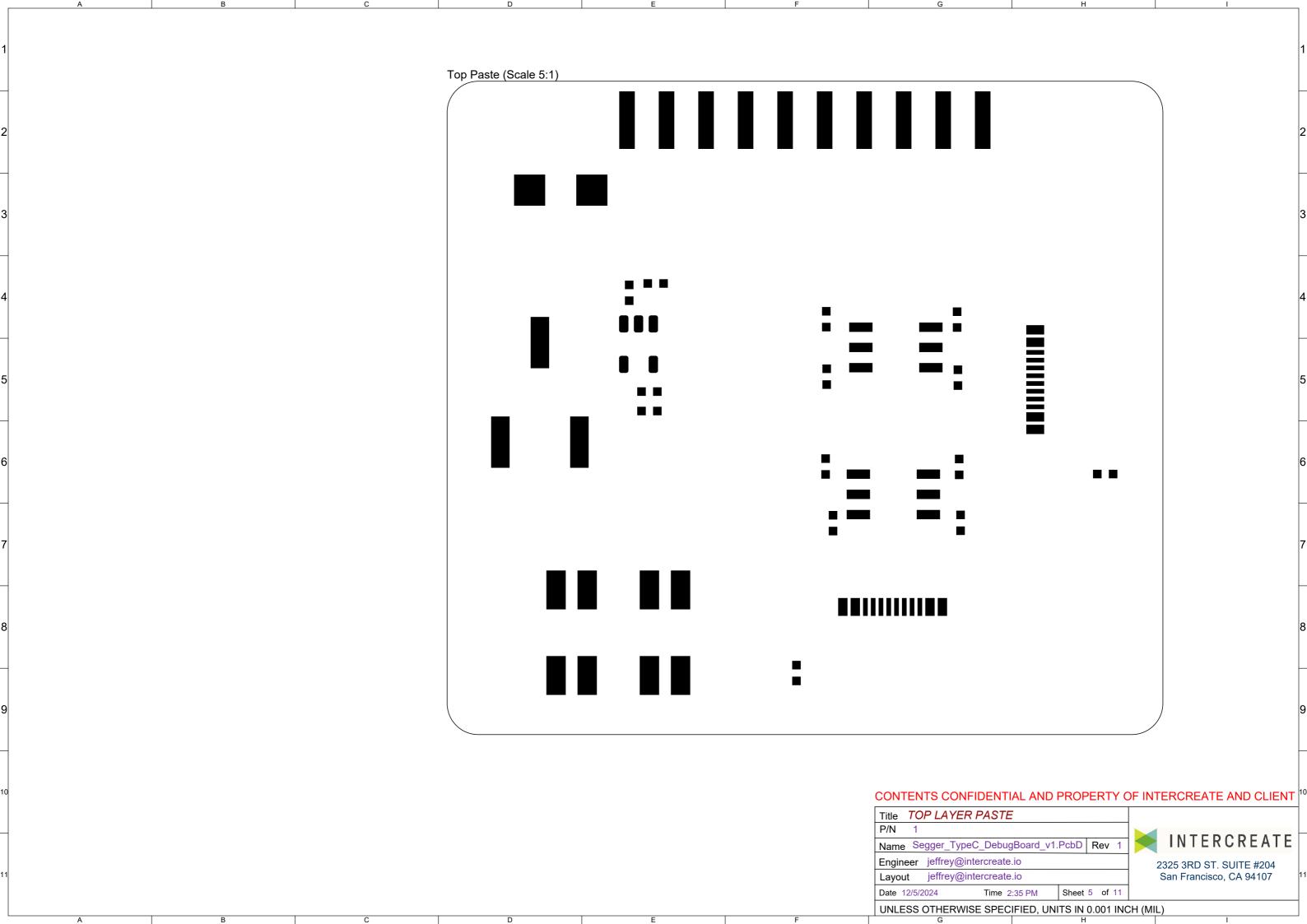


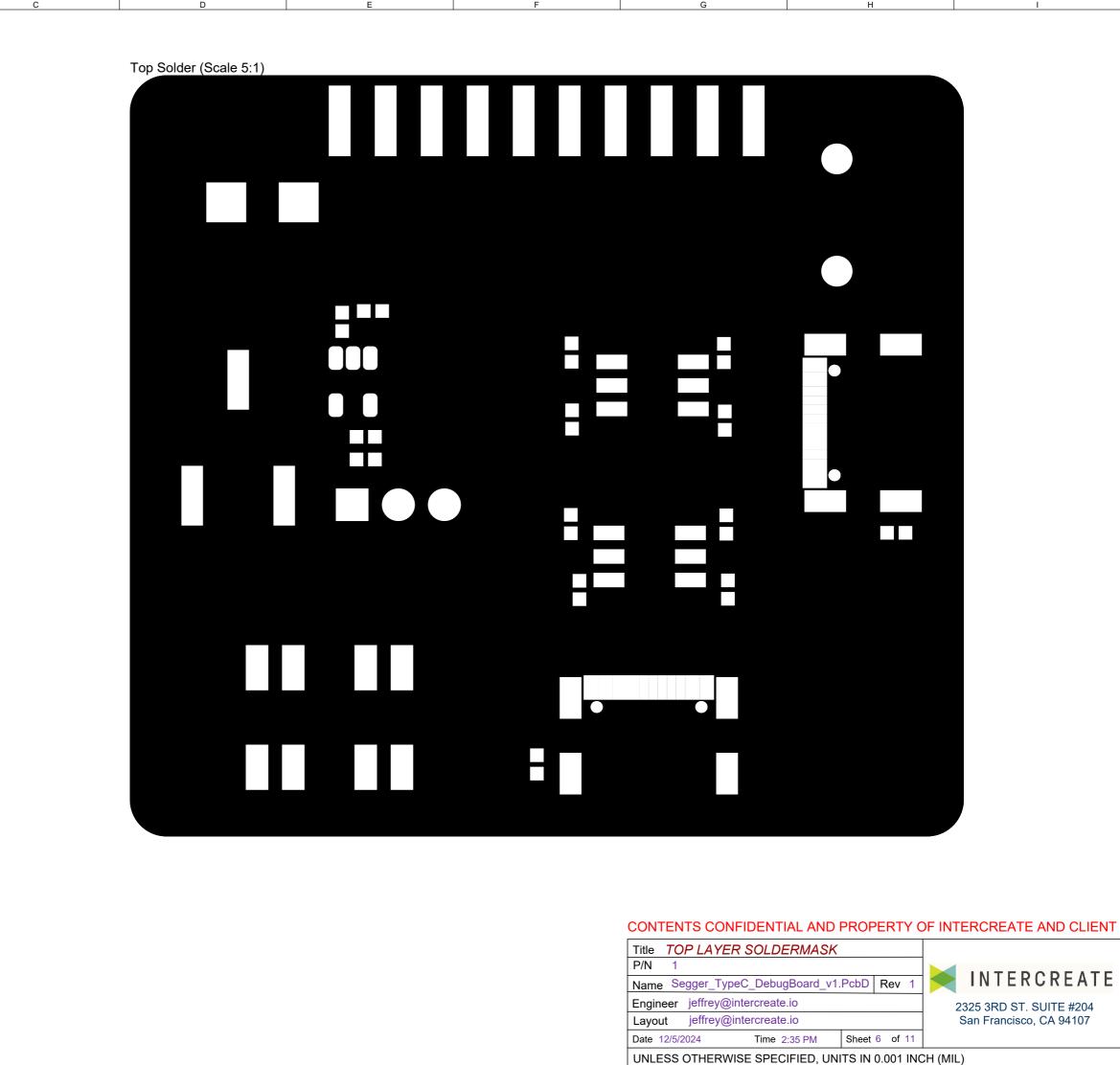


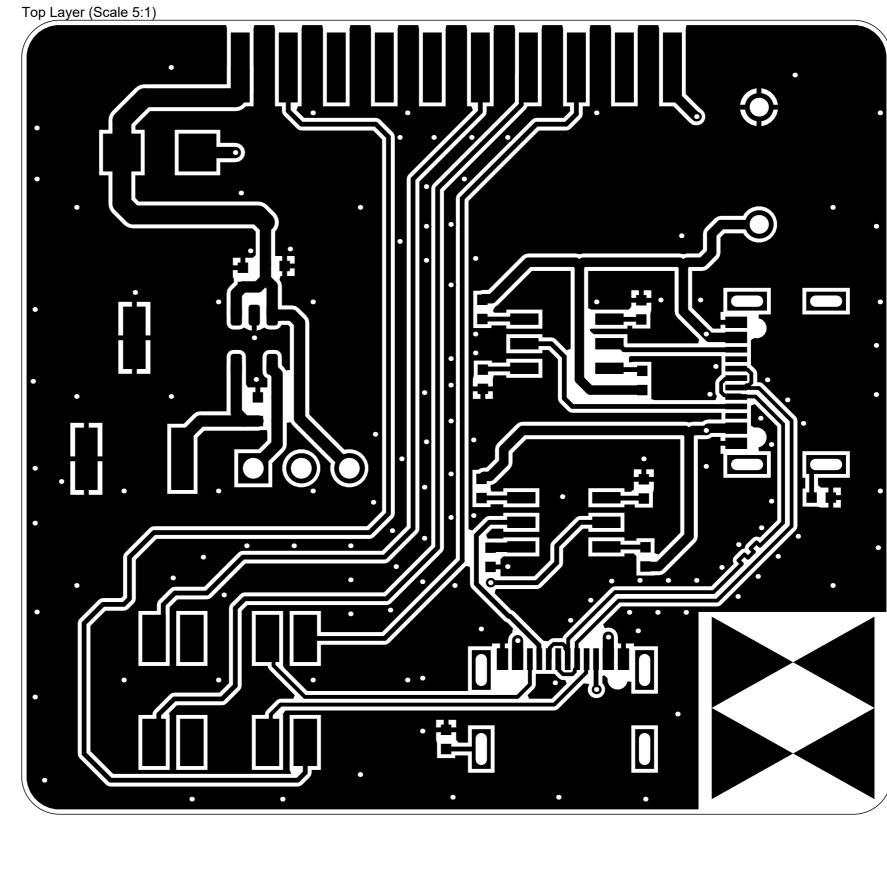


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Title	tle TOP LAYER SILKSCREEN						
P/N 1						INTERCREATE	
Name Segger_TypeC_DebugBoard_v1.PcbD Rev 1					1		
Engineer jeffrey@intercreate.io						2325 3RD ST. SUITE #204	
Layout jeffrey@intercreate.io						San Francisco, CA 94107	
Date 1	2/5/2024	Time 2:35 PM	Sheet	4 of 1	1		
UNLESS OTHERWISE SPECIFIED, UNITS IN 0.001 INCH (MIL)							



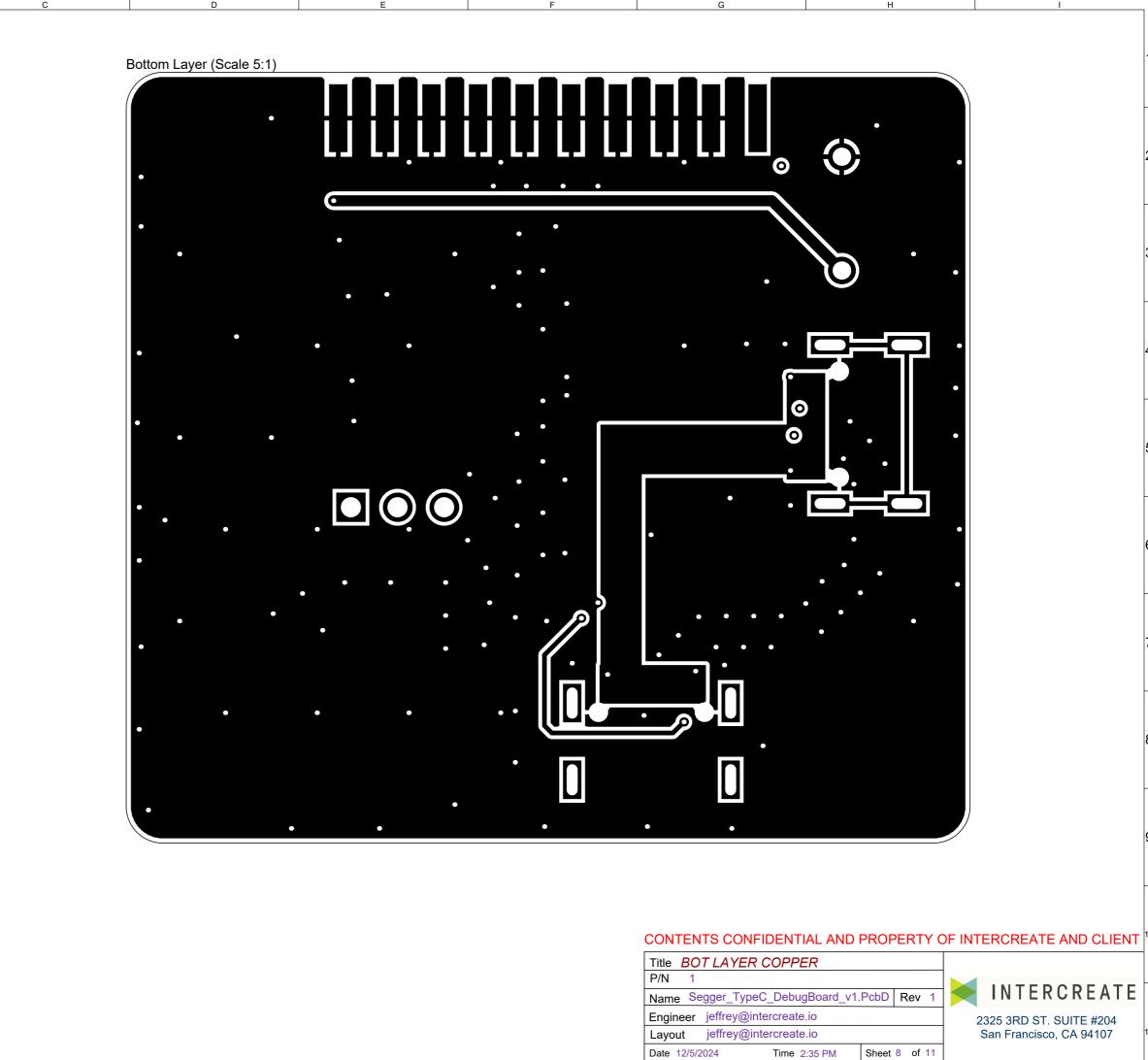




CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT 10

CONTENTS CONTIDENTIAL AND F	INTERCREATE AND CLIEN	
Title TOP LAYER COPPER		
P/N 1	INTEROPEATE	
Name Segger_TypeC_DebugBoard_v1.F	INTERCREATE	
Engineer jeffrey@intercreate.io	2325 3RD ST. SUITE #204 San Francisco, CA 94107	
Layout jeffrey@intercreate.io		
Date 12/5/2024 Time 2:35 PM	Sheet 7 of 11	

UNLESS OTHERWISE SPECIFIED, UNITS IN 0.001 INCH (MIL)



UNLESS OTHERWISE SPECIFIED, UNITS IN 0.001 INCH (MIL)

