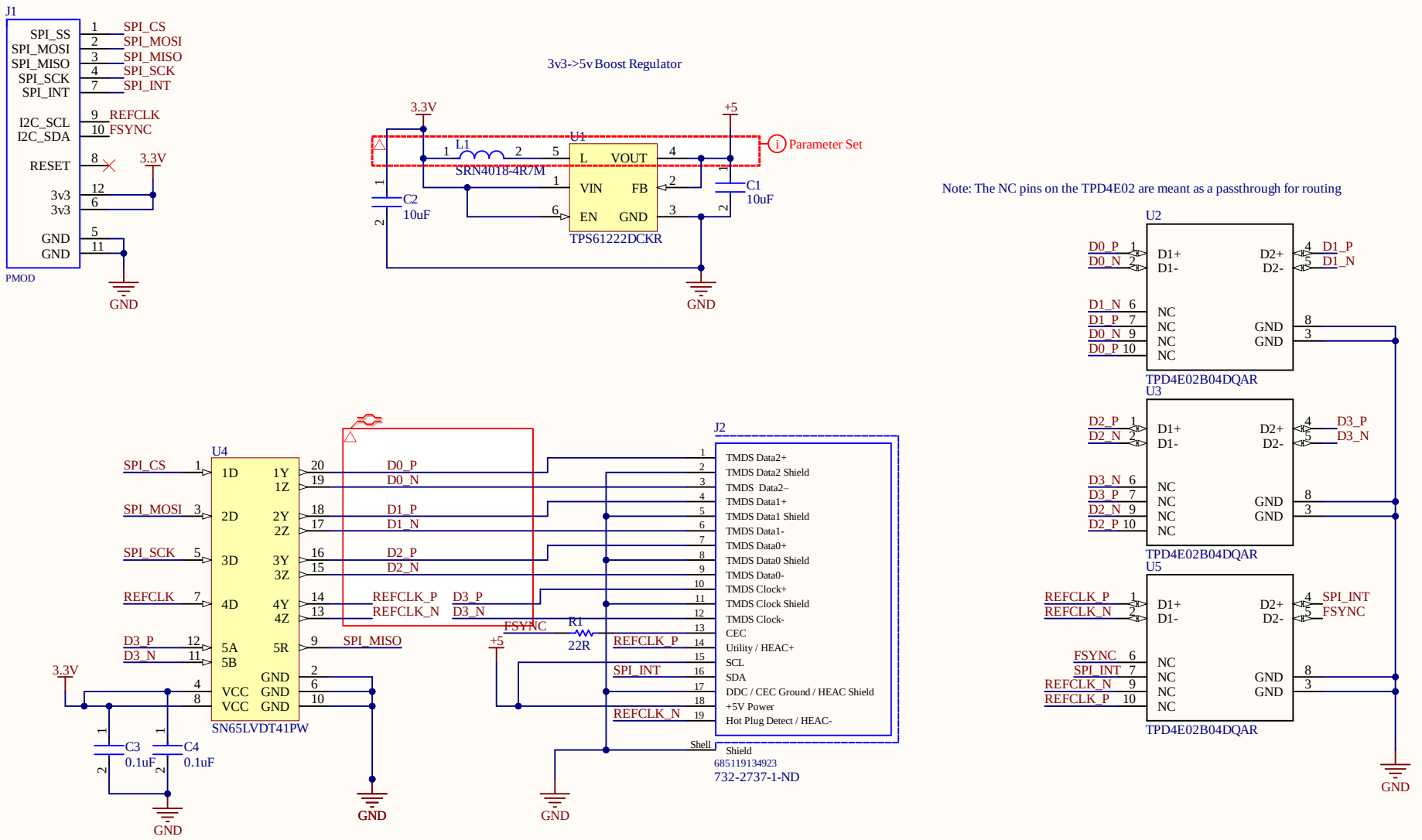

TITLE PMOD SPI <> LVDS		
PROJ Sawyer	CLIENT Facebook	
REV 1	DATE 6/12/2020	
SHEET 1 OF 1	CONFIDENTIAL. DO NOT DISTRIBUTE.	

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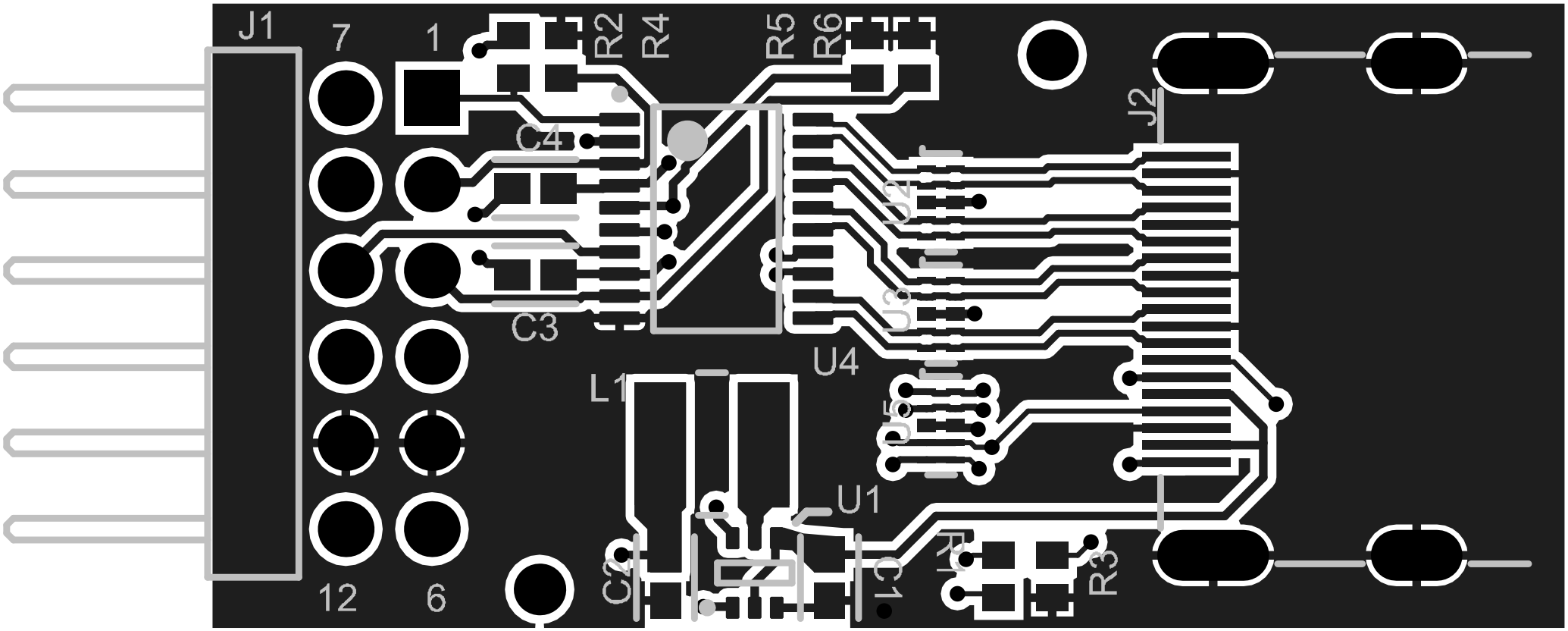
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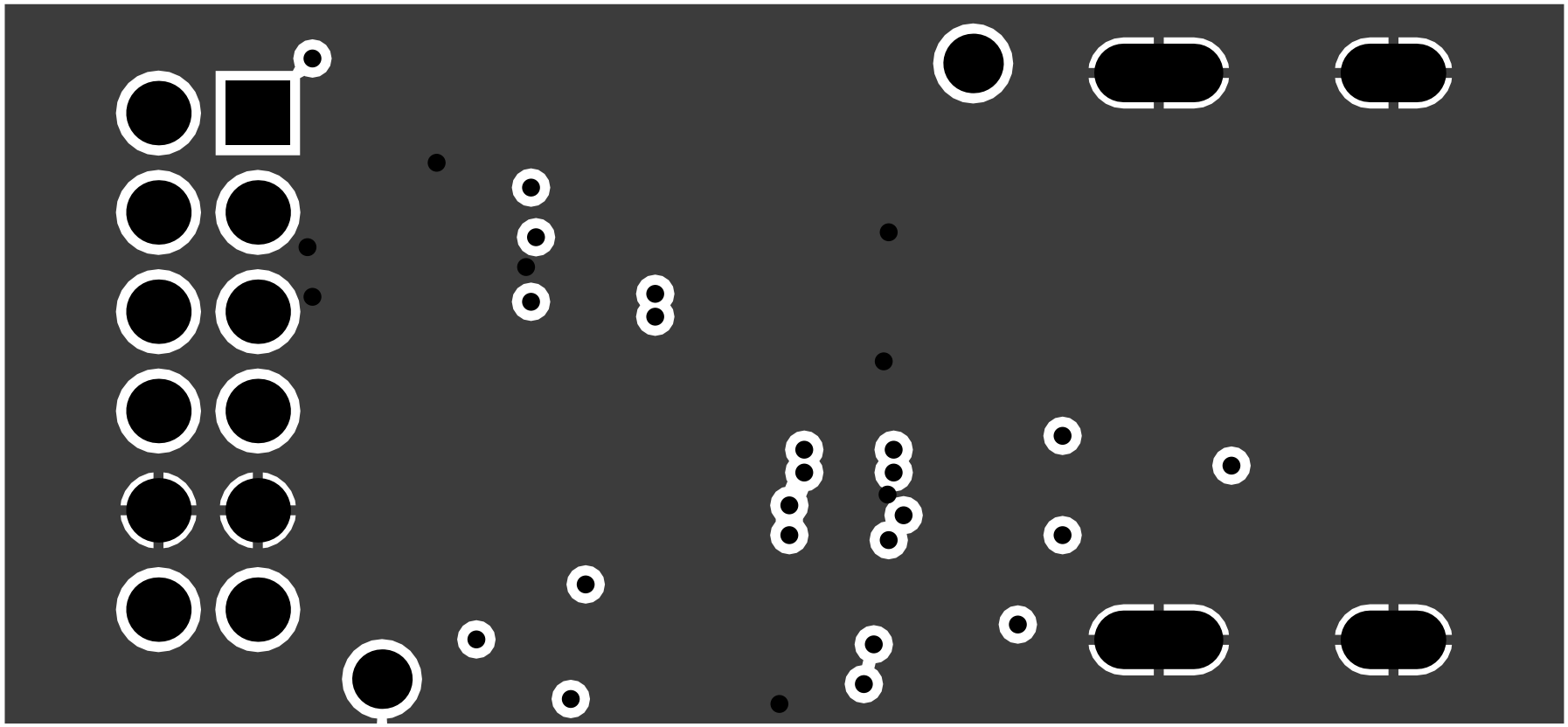

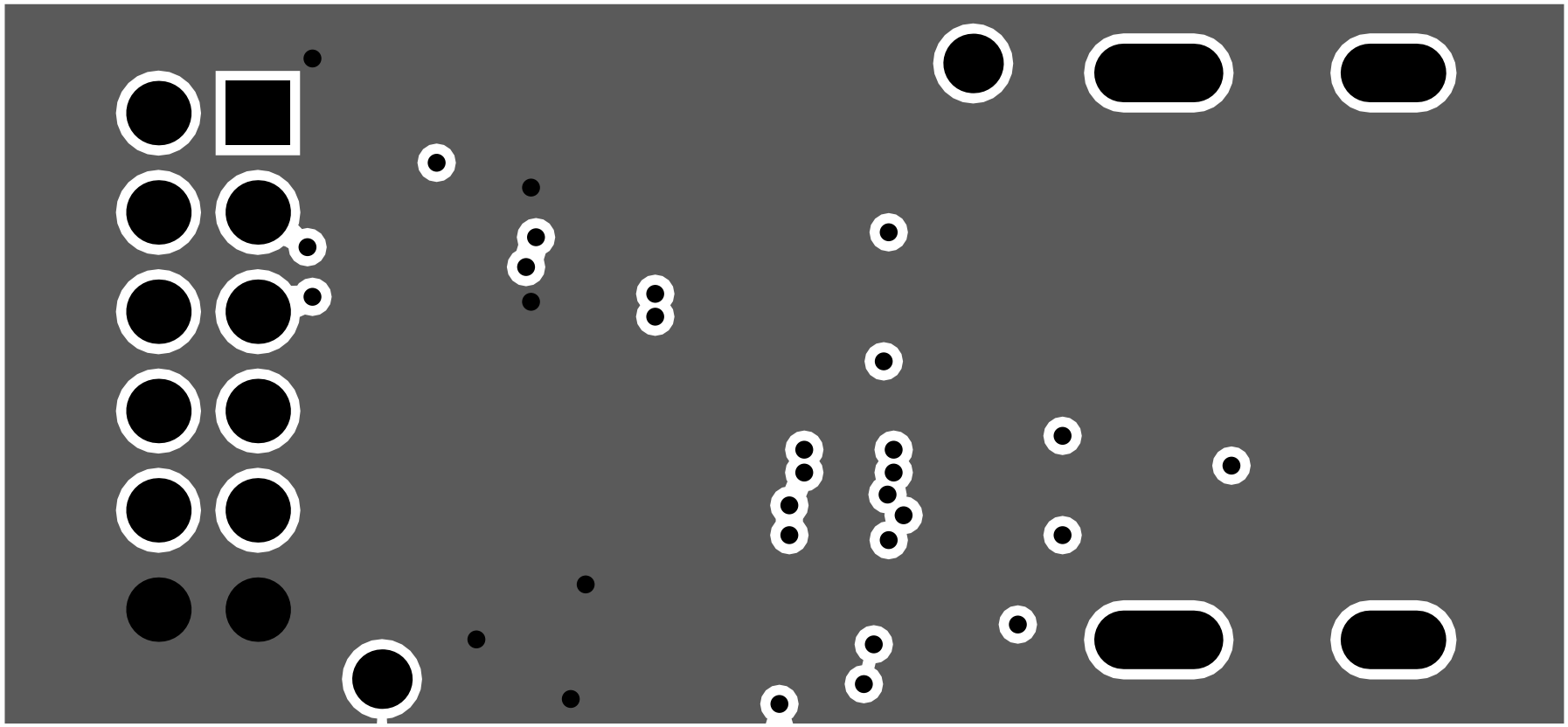

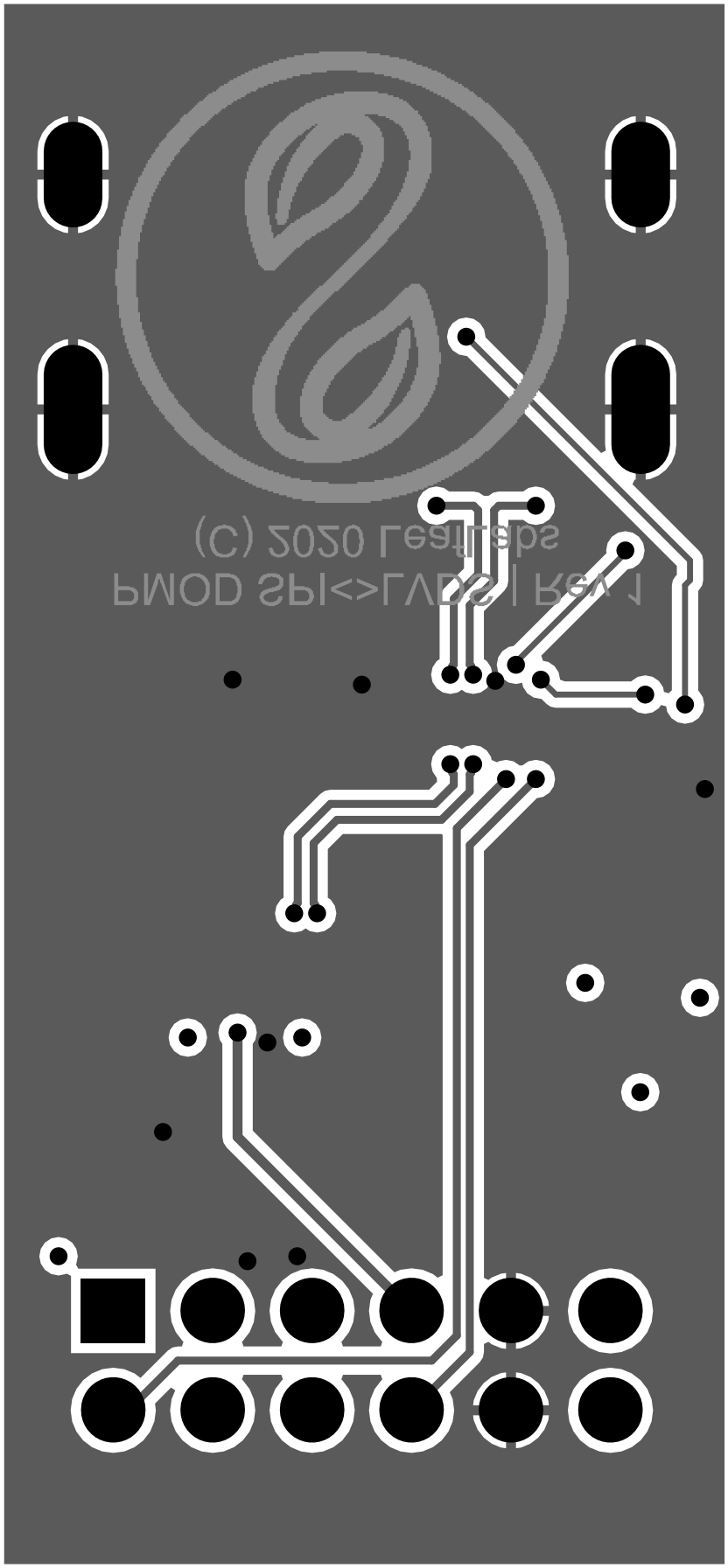
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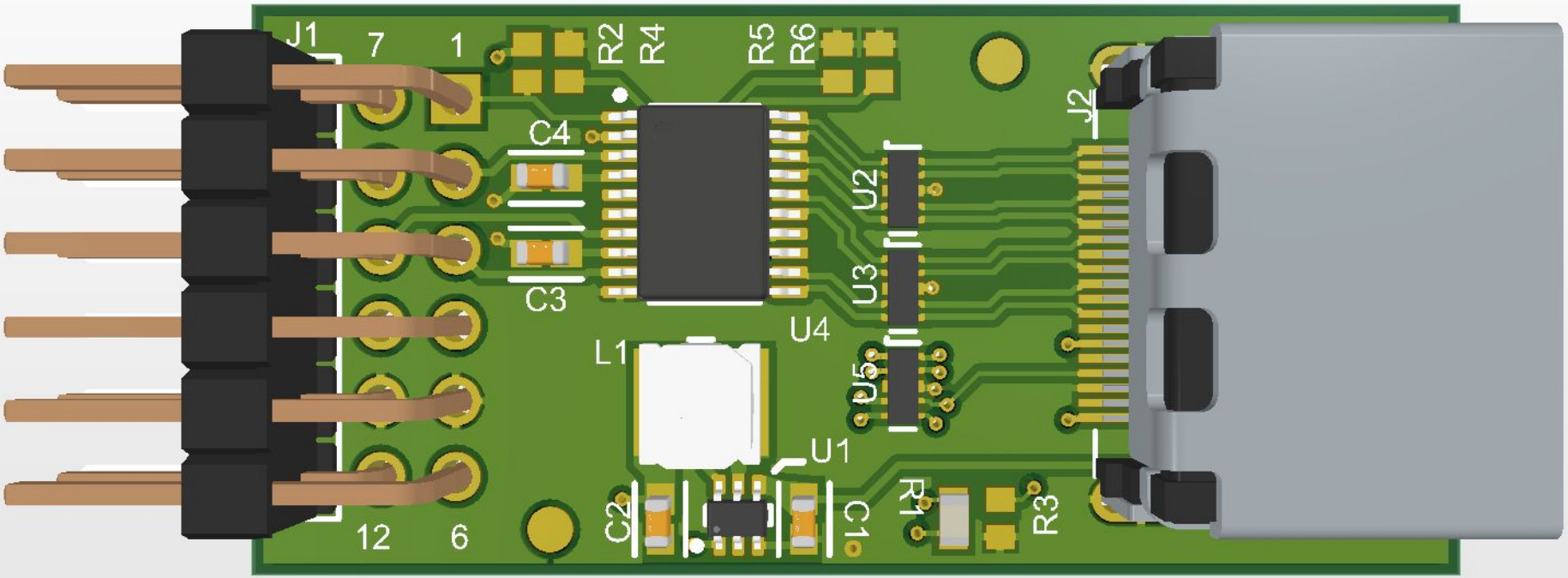
PMOD SPI<>LVDS1 REV 1

Comment	Description	Designator	Quantity	Manufacturer	Supplier Part Number 1	Supplier 1
10uF	CAP CER 10UF 0603	C1, C2	2		490-12736-1-ND	Digi-Key
0.1uF	CAP CER 0.1UF 16V X7R 0603	C3, C4	2	YAGEO	311-1088-1-ND	Digi-Key
PMOD	PMOD Connector, Through Hole, Standard pinout	J1	1		732-5354-ND	Digi-Key
685119134923	HDMI Type A Receptacle WR-HDMI, Horizontal, SMT	J2	1	Wurth Elektronik	732-2737-1-ND	Digi-Key
SRN4018-4R7M	FIXED IND 4.7UH 1.9A 84 MOHM SMD	L1	1	Bourns	SRN4018-4R7MCT-ND	Digi-Key
22R	Resistor 0603 22 Ohm	R1	1		CR0603-JW-220ELFCT-ND	Digi-Key
TPS61222DCKR	Boost Voltage Converter with 0.7 to 5.5 V Input and 5 V Output, -40 to 85 degC, 6-Pin SC70 (DCK), Green (RoHS & no Sb/Br)	U1	1	Texas Instruments	296-39435-1-ND	Digi-Key
TPD4E02B04DQAR	4 Channel TVS Avalanch diode for USB3/HDMI2.0 protection	U2, U3, U5	3	Texas Instruments	296-43875-1-ND	Digi-Key
SN65LVDT41PW	SPI<>LVDS Transceiver Interconnect Extender Chipset, -40 to +125 degC, 20-Pin TSSOP (PW), Green (RoHS & no Sb/Br)	U4	1	Texas Instruments	296-12738-5-ND	Digi-Key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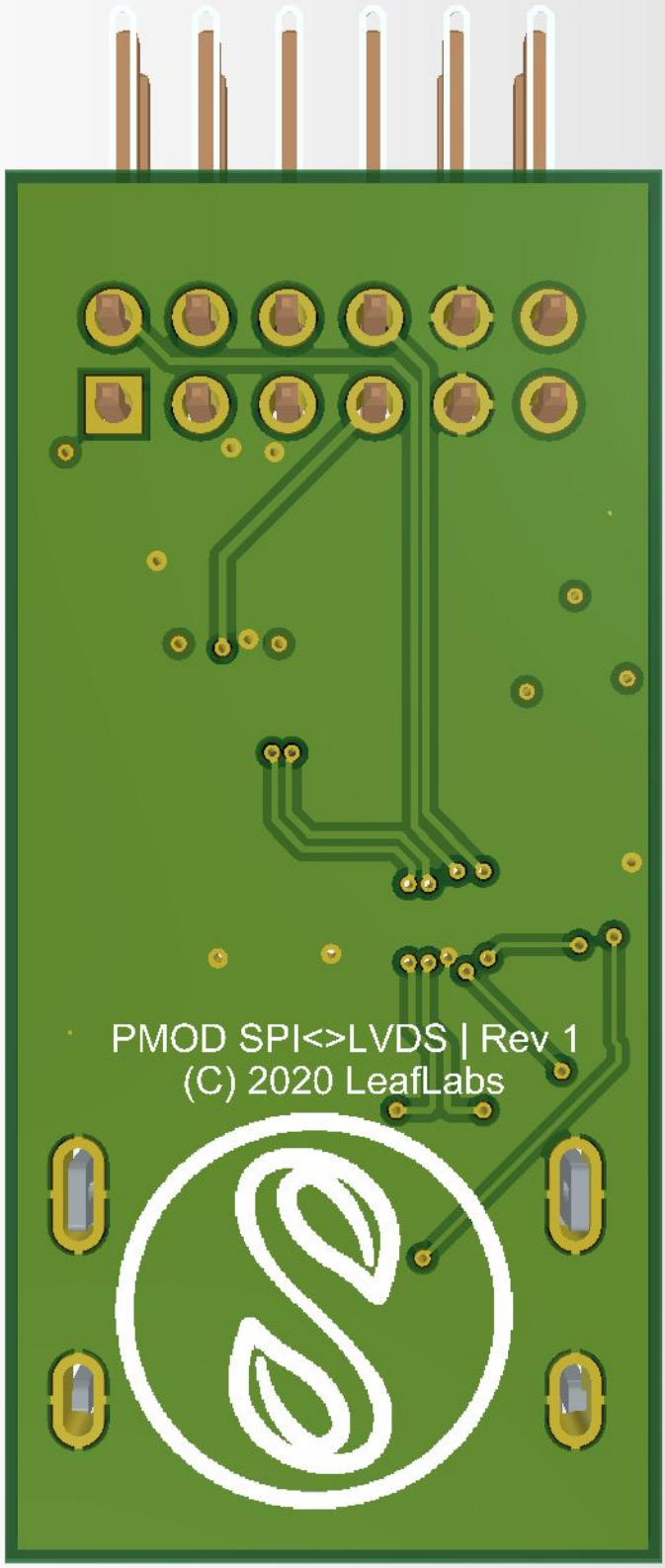
PMOD SPI<>LVDS | Rev 1
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