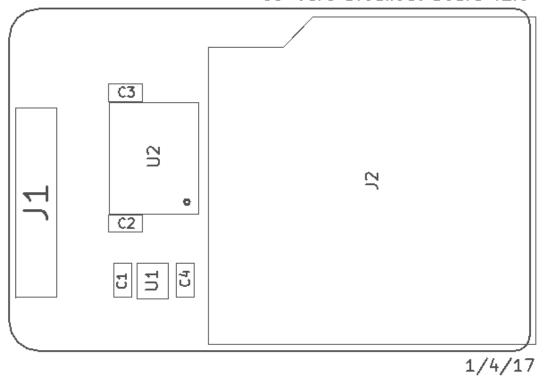# Full-size SD Connector (2041021-4) Breakout Board v1.0

Breadboard- and 3V/5V-compatible SD breakout board to test the full-size SD card footprint.

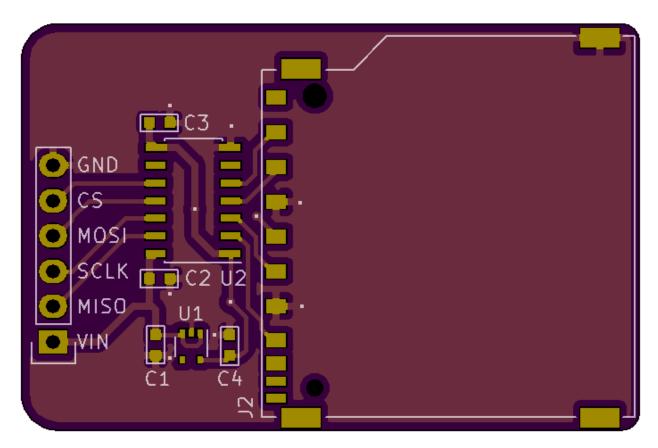**Bill of Materials**

Ref	Qty	Description	Digikey PN
C2 C3	2	CAP CER 0.1UF 100V X7R 0603	490-3285-1-ND
C4 C1	2	CAP CER 1UF 25V X7R 0603	587-2984-1-ND
J1	1	HEADER MALE 6POS TH 1x06 0.1"	952-1902-ND
J2	1	CONN SD CARD PUSH-PULL R/A SMD	A101492CT-ND
U1	1	IC REG LDO 3.3V 0.15A SOT353	576-3193-1-ND
U2	1	IC VOLT-LEVEL TRANSLATOR TXB0104 SOIC14	296-21928-1-ND

C3

GND

CS

MOSI

SCLK

MISO

VIN

C2 U2

U1

C1

C4

J2

Full-size SD Card Breakout

SD Connector:
TE CONN P/N 2041021-4

VIN can be 5V or 3.3V

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