

A

B

C

D

E

1

1

2

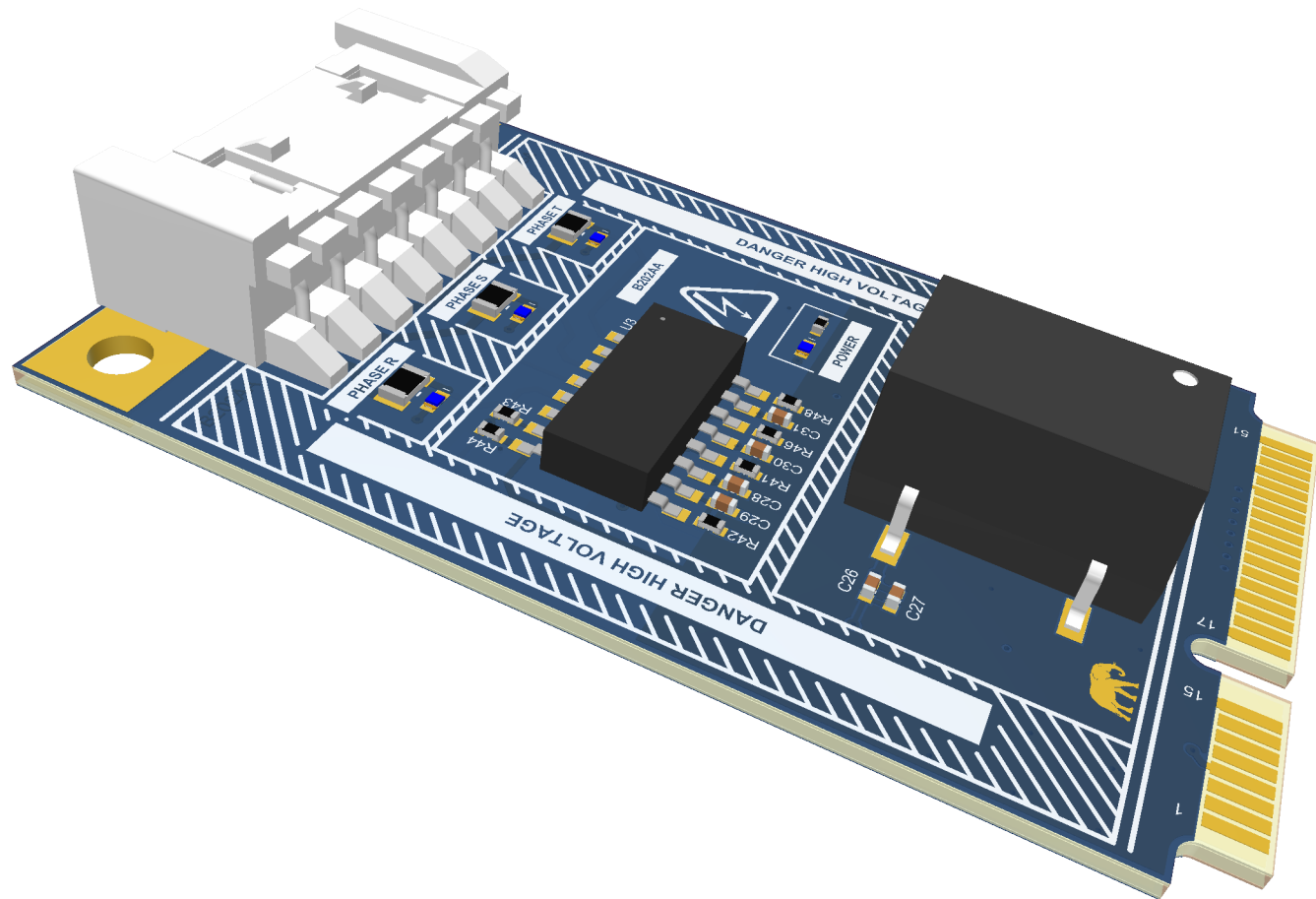
2

3

3

4

4



A

B

C

D

E

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
	Surface Material	0.03mm	SM-001	Solder Mask	GTS
Nickel, Gold	Top Surface Finish	0.02mm		Surface Finish	
CF-004	Top Layer	0.04mm		Signal	GTL
Prepreg		0.11mm	PP-015	Dielectric	
CF-004	Inner Layer 1	0.04mm		Signal	G1
Core		0.61mm	Core-038	Dielectric	
CF-004	Inner Layer 2	0.04mm		Signal	G2
Prepreg		0.11mm	PP-015	Dielectric	
CF-004	Bottom Layer	0.04mm		Signal	GBL
Nickel, Gold	Bottom Surface Finish	0.02mm		Surface Finish	
Surface Material	Bottom Solder	0.03mm	SM-001	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 1.06mm					

Bill Of Materials

Designator	Quantity	Manufacturer Name	Manufacturer Part Number
C1, C2, C3, C4, C27, C28, C30, C31	8	KEMET	C0402C475M9PACTU
C5, C6, C7, C14, C15, C18, C19, C20, C24, C25, C26, C29, C32, C33	14	AVX	04026D104KAT4A
C8, C9, C10	3	AVX	04026C473KAT2A
C11, C12, C13, C21, C22, C23	6	AVX	04026C102MAT2A
C16, C17	2	KYOCERA AVX	04025A8R0CAT2A
D1	1	ROHM Semiconductor	SML-P12VTT86R
D2, D3, D4	3	ROHM Semiconductor	SML-P12MTT86R
J2	1	Molex	53426-0710
R1, R3, R5, R7, R39, R43	6	Vishay	CRCW0402330RFKED
R2, R4, R6, R8, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R31, R32, R42	19	Vishay	CRCW040210K0FKED
R9, R11, R13	3	Vishay	CRCW040264R9FKED
R10, R12, R14, R36, R37, R38	6	Vishay	CRCW0402750RFKED
R15, R16, R17	3	Vishay	CRCW040234R8FKED
R30	1	Vishay	CRCW04020000Z0ED
R33, R34, R35	3	Vishay	CRCW08052M00JNEA
R40, R45, R47	3	Vishay Dale	CRCW0805220KJNEAHP
R41, R44, R46, R48	4	Vishay	CRCW040247K0FKED
TR1	1	CUI Inc.	PDS1-S3-S3-M
U1, U3	2	Vishay Semiconductors	TCMT4100
U2	1	Silergy	MAX78630+PPM/D00
U4	1	Texas Instruments	ISO7221ADR
X1	1	Kyocera Electronic Components	CX2016DB20000D0GPSC1

