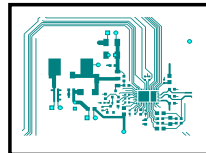


PCB1



SI34062-ISO-FB-EVB REV 2.0

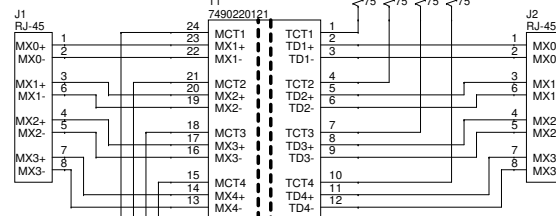
LB1

PoE EVB LABEL

LABEL-SI34062-ISO-FB-EVB R2.0

Vneg is a thermal plane as well as ESD and EMI.
Use thermal via to at least 1 inch square plane
on backside 1 to 1.2mm pitch 0.3 to 0.33mm diameter.

BS_Plane

C16
1nF
2000VR23 R24 R25 R26
75 75 75 75

Class 2 with internal bridge
Populate: FB1..FB4, R34..R37
Do not populate: D4..D11, FB5..FB6, R45..R48

Class 3 with external bridge
Populate: R45..R48, D4..D11, FB5..FB6
Do not populate: R34..R37, FB1..FB4

FB5
742792040

WPOS

D4 D5 D6 D7
SS210 SS210 SS210 SS210MCT1 FB1 NI
742792040

CT1

MCT2 FB2 NI
742792040

CT2

MCT3 FB3 NI
742792040

SP1

MCT4 FB4 NI
742792040

SP2

R19 R20 R21 R22
75 75 75 75
C14 C13 C12 C11
0.01uF 0.01uF 0.01uF 0.01uF
100V 100V 100V 100VC15
1nF
2000V
BS_PlaneFB6
742792040
WNEGD8 D9 D10 D11
SS210 SS210 SS210 SS210

SO1 SO2 SO3 SO4

MCT1 R45 0 CT1

MCT2 R46 0 CT2

MCT3 R47 0 SP1

MCT4 R48 0 SP2

			200 W Cesar Chavez Austin, TX 78701
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