

Eval Board Name	SI3402B-NON-ISO-EVB
Revision	2.1

CreationDate	Proto Rev	Released
12/16/2021	1.00	0

End product must be RoHS compliant

NI	Quantity	Reference	Value	Rating	Voltage	Tolerance	Type	PCB_Footprint	ManufacturerPN	Manufacturer
	3	C1 C3 C4	1uF		100V	±10%	X7R	C1210	C1210X7R101-105K	Venkel
	8	C13 C14 C15	1nF		100V	±10%	X7R	C0603	C0603X7R101-102K	Venkel
	1	C18	0.1uF		100V	±10%	X7R	C0805	C0805X7R101-104K	Venkel
	1	C2	12uF		100V	±20%	Alum_Elec	C2.5X6.3MM-RAD	EEUFC2A120	Panasonic
	1	C5	560uF		6.3V	±20%	Alum_Elec	C3.5X8MM-RAD	EEUFM0J561	Panasonic
	1	C6	22uF		6.3V	±20%	X5R	C0805	C0805X5R6R3-226M	Venkel
	1	C7	1nF		50V	±1%	C0G	C0805	C0805C0G500-102F	Venkel
	1	C8	0.1uF		16V	±10%	X7R	C0805	C0805X7R160-104K	Venkel
	1	D1	PDS5100	5A	100V		Schottky	POWERDI-5	PDS5100H-13	Diodes Inc.
	8	D12 D13 D14	SS2150	2A	150V		Single	DO-214	SS2150-LTP	MCC
	1	FB1	30 Ohm	3000mA			SMT	L0805	BLM21PG300SN1	MuRata
	1	J1	RJ-45				Receptacle	RJ45-SI-52004	SI-52003-F	Bel
	2	J11 J12	BND_POST	15A			BANANA	BANANA-JACK	101	ABBATRON HH SMITH
	1	L1	33uH	5.2A		±20%	Shielded	IND-SPD	MSS1278-333ML	Coilcraft
	4	L2 L3 L4 L5	330 Ohm	1500mA			SMT	L0805	BLM21PG331SN1	MuRata
	1	LB1	LABEL-SI3402B-NON-ISO-EVB-R2.1				POLYIMIDE, WHITE	PTL-14-717	LABEL-SI3402B-NON-ISO-EVB-R2.1	Skyworks
	4	MH4	4-40				SCREW	MH-125 MH-125NP	NSS-4-4-01	Richco Plastic Co
	1	PCB1	SI3402B-NON-ISO-EVB REV 2.0				BARE PCB	N/A	SI3402B-NON-ISO-EVB REV 2.0	Skyworks
	1	R1	330	1/10W		±1%	ThickFilm	R0805	CR0805-10W-3300F	Venkel
	1	R2	49.9K	1/8W		±1%	ThickFilm	R0805	CR0805-8W-4992F	Venkel
	1	R3	48.7	1/8W		±1%	ThickFilm	R0805	CRCW080548R7FKTA	vishay
	1	R4	24.3k	1/8W		±1%	ThickFilm	R0805	CRCW080524K3FKEA	vishay
	1	R5	3.24K	1/8W		±1%	ThickFilm	R0805	CRCW08053K24FKEA	Vishay
	1	R6	8.66K	1/10W		±1%	ThickFilm	R0805	CR080510W-8661F	Venkel
	1	R7	47K	1/10W		±5%	ThickFilm	R0805	CR0805-10W-473J	Venkel
	1	R9	100	1/2W		±1%	ThickFilm	R1210	CR1210-2W-1000F	Venkel
	4	SO4	STANDOFF				STANDOFF		2397	SPC Technology
	1	U1	SI3402B		100		PD	QFN20N5X5P0.8	SI3402B	Skyworks

Not Installed Components

NI	Quantity	Reference	Value	Rating	Voltage	Tolerance	Type	PCB_Footprint	ManufacturerPN	Manufacturer
NI	1	C19	150pF		16V	±10%	X7R	C0805	C0805X7R160-151K	Venkel
NI	1	C20	3.3nF		16V	±10%	X7R	C0805	C0805X7R160-332K	Venkel
NI	5	TP5 TP6	BLACK				LOOP	TESTPOINT	5001	Keystone