

Eval Board Name	SI3402B-ISO-EVB
Revision	2.2

CreationDate	Proto Rev	Released
12/16/2021	4.00	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
	2	C19 C20	1nF		3000V	±10%	X7R	C1808	C1808X7R302-102K	Venkel
	1	C2	12uF		100V	±20%	Alum_Elec	C2.5X6.3MM-RAD	EEUFC2A120	Panasonic
	1	C21	15nF		16V	±10%	X7R	C0805	C0805X7R160-153K	Venkel
	1	C22	0.1uF		16V	±10%	X7R	C0805	C0805X7R160-104K	Venkel
	1	C5	1000uF		6.3V	±20%	Alum_Elec	C3.5X8MM-RAD	ECA0JM102	Panasonic
	1	C6	100uF		6.3V	±10%	X5R	C1210	C1210X5R6R3-107K	Venkel
	1	C7	470pF		50V	±10%	X7R	C0805	C0805X7R500-471K	Venkel
	1	C9	3.3nF		16V	±10%	X7R	C0805	C0805X7R160-332K	Venkel
	1	D1	1N4148W	2A	100V		Fast	SOD123	1N4148W	Diodes Inc
	1	D2	DFLT30A-7	4.65A	30V		Zener	POWERDI-123	DFLT30A-7	Diodes Inc.
	1	D3	PDS1040	10A	40V		Schottky	POWERDI-5	PDS1040-13	Diodes Inc.
	8	D12 D13 D14	SS2150	2A	150V		Single	DO-214	SS2150-LTP	MCC
	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	1uH	2.9A		±20%	Shielded	IND-6.6X4.45MM	DO1608C-102ML_	Coilcraft
	4	L2 L3 L4 L5	330 Ohm	1500mA			SMT	L0805	BLM21PG331SN1	MuRata
	1	LB1	LABEL-SI3402B-ISO-EVB-R2.2				POLYIMIDE, WHITE	PTL-14-717	LABEL-SI3402B-ISO-EVB-R2.2	Skyworks
	4	MH4	4-40				SCREW	MH-125 MH-125NP	NSS-4-4-01	Richco Plastic Co
	1	PCB1	SI3402B-ISO-EVB REV 2.0				BARE PCB	N/A	SI3402B-ISO-EVB REV 2.0	Skyworks
	1	R1	330	1/10W		±1%	ThickFilm	R0805	CR0805-10W-3300F	Venkel
	1	R10	10	1/10W		±1%	ThickFilm	R0805	CR0805-10W-10R0F	Venkel
	1	R11	4.99K	1/10W		±1%	ThickFilm	R0805	CR0805-10W-4991F	Venkel
	1	R2	49.9K	1/10W		±1%	ThickFilm	R0805	CR0805-10W-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	36.5K	1/10W		±1%	ThickFilm	R0805	CR0805-10W-3652F	Venkel
	1	R6	12.1K	1/10W		±1%	ThickFilm	R0805	CR0805-10W-1212F	Venkel
	1	R7	2.05K	1/16W		±1%	ThickFilm	R0603	CR0603-16W-2051F	Venkel
	2	R8 R12	0	2A			ThickFilm	R0805	CR0805-10W-000	Venkel
	4	SO4	STANDOFF				STANDOFF		2397	SPC Technology
	1	T1	FA2924					XFMR-FA2924	FA2924-AL	Coilcraft
	1	U1	SI3402B		100		PD	QFN20N5X5P0.8	SI3402B	Skyworks
	1	U2	VO618A-3X017T					SO4N10.16P2.54-AKEC	VO618A-3X017T	Vishay
	1	U3	TLV431				SHUNT	TLV431-DBZ	TLV431BCDBZR	TI

Not Installed Components

NI	Quantity	Reference	Value	Rating	Voltage	Tolerance	Type	PCB_Footprint	ManufacturerPN	Manufacturer
NI	7	TP4 TP5 TP6	BLACK				LOOP	TESTPOINT	5001	Keystone