

Eval Board Name	SI3406-EVB-NON-ISO-FB-C2
Revision	2.1

CreationDate	Proto Rev	Released
12/14/2021	5.00	0

End product must be RoHS compliant

NI	Quantity	Reference	Value	Rating	Voltage	Tolerance	Type	PCB Footprint	ManufacturerPN	Manufacturer
	1	C1	12uF		100V	±20%	Alum_Elec	C2.5X6.3MM-RAD	EEUFC2A120	Panasonic
	1	C10	1uF		6.3V	±10%	X5R	C0603	C0603X5R6R3-105K	Venkel
	1	C11	0.022uF		50V	±20%	X7R	C0603	C1608X7R1H223M	TDK Corporation
	2	C2 C3	2.2uF		100V	±10%	X7R	C1210	CL32B225KCJSNNE	Samsung
	1	C20	1nF		50V	±1%	C0G	C0805	C0805C0G500-102F	Venkel
	1	C21	0.22uF		10V	±10%	X7R	C0805	C0805X7R100-224K	Venkel
	1	C4	0.01uF		100V	±10%	X7R	C0805	C0805X7R101-103K	Venkel
	1	C5	820pF		50V	±10%	X7R	C0805	CC0805KRX7R9BB821	Yageo
	3	C6 C7 C9	100uF		6.3V	±10%	X5R	C1210	C1210X5R6R3-107K	Venkel
	2	C8 C22	0.1uF		100V	±10%	X7R	C0805	C0805X7R101-104K	Venkel
	1	D4	RS1B	1.0A	100V		Single	DO-214AC	RS1B	Fairchild
	1	J1	RJ-45				Receptacle	RJ45-SI-52004	SI-52003-F	Bel
	1	J2	CONN TRBLK 2				TERM BLK	CONN-1X2-TB	1729018	PHOENIX CONTACT
	1	L1	0.16uH	16A		±20%	Shielded	IND-XAL50xx	XAL5030-161ME	Coilcraft
	4	L3 L4 L5 L6	330 Ohm	1500mA			SMT	L0805	BLM21PG331SN1	MuRata
	1	LB1	LABEL-SI3406-EVB-NON-ISO-FB-C2-R2.1				POLYIMIDE, WHITE	PTL-14-477	LABEL-SI3406-EVB-NON-ISO-FB-C2-R2.1	Skyworks
	4	MH1 MH2 MH3	4-40				SCREW	MH-125 MH-125NP	NSS-4-4-01	Richco Plastic Co
	1	PCB1	SI3406-EVB-NON-ISO-FB-C2 REV 2.1				BARE PCB	N/A	SI3406-EVB-NON-ISO-FB-C2 REV 2.1	Skyworks
	1	Q1	FDMA8051L	10A	40V		N-CHNL	DFN6N2X2P0.65E1.0X1.05	FDMA8051L	Fairchild
	2	R1 R2	330	1/10W		±1%	ThickFilm	R0805	CR0805-10W-3300F	Venkel
	1	R10	75	1/10W		±1%	ThickFilm	R0805	CR0805-10W-75R0F	Venkel
	1	R11	88.7K	1/8W		±1%	ThickFilm	R0805	CRCW080588K7FKEA	Vishay
	1	R13	1.2	1/10W		±5%	ThickFilm	R0805	CR0805-10W-1R2J	Venkel
	1	R14	9.1K	1/8W		±1%	ThickFilm	R0805	RC0805FR-079K1L	Yageo
	1	R15	3.24K	1/8W		±1%	ThickFilm	R0805	CRCW08053K24FKEA	Vishay
	2	R4 R20	47K	1/10W		±5%	ThickFilm	R0805	CR0805-10W-473J	Venkel
	1	R5	8.2	1/8W		±1%	ThickFilm	R0805	RC0805FR-078R2L	Yageo
	1	R8	24.3k	1/8W		±1%	ThickFilm	R0805	CRCW080524K3FKEA	vishay
	4	SO1 SO2 SO3	STANDOFF				STANDOFF		2397	SPC Technology
	1	T1	FA2671	10W				XFMR-FA2671	FA2671	Coilcraft
	1	U1	SI3406		120V		PD	QFN20N5X5P0.8	SI3406-A-GM	Skyworks

Not Installed Components

NI	Quantity	Reference	Value	Rating	Voltage	Tolerance	Type	PCB Footprint	ManufacturerPN	Manufacturer
NI	8	C12 C13 C14 C15	1nF		100V	±10%	X7R	C0603	C0603X7R101-102K	Venkel
NI	1	C30	220uF		6.3V	±20%	Alum_Elec	C2X5MM-RAD C2.0X5MM-RAD	ECA0JM221	Panasonic
NI	1	C31	330pF		100V	±20%	X7R	C0805	C0805X7R101-331M	Venkel
NI	8	D12 D13 D14	S1B	1.0A	100V		Single	DO-214AC	S1B	Fairchild
NI	1	D5	1N4148W	300mA	100V		Single	SOD-123	1N4148W-7-F	Diodes Inc.
NI	11	TP1 TP2 TP3 TP4	BLUE				Loop	TESTPOINT	151-205-RC	Kobiconn