

Eval Board Name	IST-A0098
Revision	2.0

CreationDate	Proto Rev	Released
8/31/2017	2.00	0

NI	Quantity	Reference	Value	Rating	Voltage	Tolerance	Type	PCB_Footprint	ManufacturerPN	Manufacturer
	2	C1 C11	10pF		50V	±5%	C0G	C0402 C0402L	GRM1555C1H100JA01D	MuRata
	1	C10	100pF		50V	±5%	C0G	C0402 C0402L	GRM1555C1H101JZ01	MuRata
	1	C13	2.0pF		50V	±0.1pF	C0G	C0402	C0402C0G500-2R0B	Venkel
	1	C14	1.0pF		50V	±0.1pF	C0G	C0402	C0402C0G500-1R0B	Venkel
	1	C2	0.22uF		10V	±10%	X7R	C0603 C0603L	GRM188R71A224KA01D	Murata
	2	C3 C6	10uF		10V	±10%	X7T	C0603 C0603L	ZRB18AD71A106KE01L	Murata
	1	C4	0.01uF		25V	±10%	X7R	C0402 C0402L	GRM155R71E103KA01D	MuRata
	3	C5 C8 C12	1.0uF		6.3V	±10%	X7R	C0402	GRM155R70J105KA12J	Murata
	2	C7 C9	0.1uF		10V	±10%	X7R	C0402 C0402L	GRM155R71A104KA01D	MuRata
	1	J1	HEADER 1x8				Header	CONN-1X8-1.27	FTS-108-01-F-S	Samtec
	1	J2	HEADER 5X2				Header	CONN2X5-FTSH-K	FTS-105-01-F-D	Samtec
	1	L1	1.8nH	1A		±0.3nH	UnShielded	L0402	LQG15WZ1N8S02D	Murata
	1	L2	3.0nH	800mA		±0.3nH	UnShielded	L0402 L0402L IND0402	MLG1005S3N0ST000	TDK Corporation
	1	L3	3.3nH	300mA		±0.3nH	UnShielded	L0402	LQG15HN3N3S02D	Murata
	1	R1	0	1A			ThickFilm	R0402 R0402L	CR0402-16W-000	Venkel
	1	U1	EFR32MG12P432F1024IM48				MCU	QFN48N7X7P0.5E5.3	EFR32MG12P432F1024IM48	SiLabs
	1	Y1	38.4MHz				Quartz	OSC4N2.0X2.5-TZ0909E	TZ0909E	TAI-SAW Technology

Not Installed Components

NI	Quantity	Reference	Value	Rating	Voltage	Tolerance	Type	PCB_Footprint	ManufacturerPN	Manufacturer
NI	1	J3	JSC				JSC	CONN-JSC-ST	MM5829-2700RJ4	Murata