Eval Board Name	IST-A0074
Revision	4.0

CreationDate	Proto Rev	Released
12/15/2016	4.00	0

NI	Quantity	Reference	Value	Rating	Voltage	Tolerance	Type	PCB_Footprint	ManufacturerPN	Manufacturer
	1	C1	100pF		50V	±5%	C0G	C0402|C0402L	GRM1555C1H101JZ01	MuRata
	2	C14 C16	1uF		10V	±10%	X5R	C0402|C0402L	GRM155R61A105KE15J	MuRata
	1	C15	2pF		50V	±0.25pF	C0G	C0402	GJM1555C1H2R0CB01D	MuRata
	1	C17	1.0pF		50V	±0.25pF	C0G	C0402	GJM1555C1H1R0CB01	MuRata
	1	C18	1.8pF		50V	±0.25pF	C0G	C0402	GJM1555C1H1R8CB01	MuRata
	1	C2	10pF		50V	±5%	C0G	C0402|C0402L	GRM1555C1H100JA01D	MuRata
	4	C22 C23 C25 C28	0.1uF		16V	±10%	X7R	C0402	C0402X7R160-104K	Venkel
	2	C24 C29	22nF		25V	±10%	X7R	C0402	C0402X7R250-223K	Venkel
	2	C26 C27	220pF		50V	±10%	X7R	C0402	C0402X7R500-221K	Venkel
	1	C3	0.22uF		10V	±10%	X7R	C0603|C0603L	GRM188R71A224KA01D	Murata
	4	C4 C9 C11 C13	1uF		10V	±10%	X7R	C0603|C0603L	GRM188R71A105KA61D	MuRata
	1	C5	0.01uF		25V	±10%	X7R	C0402|C0402L	GRM155R71E103KA01D	MuRata
	4	C6 C8 C10 C12	0.1uF		10V	±10%	X7R	C0402|C0402L	GRM155R71A104KA01D	MuRata
	1	C7	10uF		6.3V	±10%	X7R	C0805	08056C106KAT2A	AVX Corporation
	1	J1	HEADER 5X2				Header	CONN2X5-FTSH-K	FTS-105-01-F-D	Samtec
	2	J2 J3	HDR 1X8 RA				Header	CONN1X8-MRA-1.27|CON_BERG_1X8M_1P27_TH_RA/2	GRPB081VWCN-RC	Sullins Connector Solutions
	1	J4	HDR_1X4				Header	CONN1X4-MRA-1.27|CON_BERG_1X4M_1P27_TH_RA	GRPB041VWCN-RC	Sullins Connector Solutions
	1	L1	1.9nH	220mA		±0.05nH	UnShielded	L0402|L0402L	LQP15MN1N9W02D	Murata
	1	L2	3.0nH	190mA		±0.1nH	UnShielded	L0402|L0402L|IND0402	LQP15MN3N0B02D	Murata
	1	PIC1	CS5463-ISZ				POWER MONITOR	SSOP24N7.8P0.65	CS5463-ISZ	CIRRUS LOGIC
	8	R1 R2 R5 R6 R7	10K	1/16W		±5%	ThickFilm	R0402	CR0402-16W-103J	Venkel
	1	R10	30	1/16W		±5%	ThickFilm	R0402	CR0402-16W-300J	Venkel
	1	R12	0	1A			ThickFilm	R0402|R0402L	CR0402-16W-000	Venkel
	1	U1	EFR32MG1P232F256GM48-C0				MCU	QFN48N7X7P0.5E4.7	EFR32MG1P232F256GM48-C0	SiLabs
	1	U2	4.096MHz				XTAL	OSC4N5X7	7W-4.096MBB	TXC CORPORATION
	1	U3	8Mb				FLASH	USON8M3.0P0.5E0.3X1.7	MX25R8035FZUILG	Macronix
	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