

Eval Board Name	IST-A35
Revision	1.3

CreationDate	Proto Rev	Released
3/9/2016	1.00	0

NI	Quantity	Reference	Value	Rating	Voltage	Tolerance	Type	PCB_Footprint	ManufacturerPN	Manufacturer
	2	C1 C2	1.0pF		50V	±0.25pF	C0G	C0402	GRM1555C1H1R0CA01D	MuRata
	2	C11 C17	1.1pF		50V	±0.1pF	C0G	C0402	C0402C0G500-1R1B	Venkel
	2	C12 C18	2.4pF		50V	±0.25pF	C0G	C0402	C0402C0G500-2R4CNP	Venkel
	2	C13 C16	2.2uF		10V	±10%	X7R	C0603	C0603X7R100-225K	Venkel
	1	C14	10pF		25V	±10%	C0G	C0402 C0402L	C0402C0G250-100K	Venkel
	4	C19 C20 C21 C22	8pF		25V	±0.25pF	C0G	C0402	C0402C0G250-8R0CNE	Venkel
	4	C23 C24 C25 C27	0.01uF		50V	±10%	X7R	C0402 C0402L	GRM155R71H103KA88D	MuRata
	1	C26	0.47uF		6.3V	±10%	X7R	C0402	C0402X7R6R0-474K	Venkel
	1	C28	1uF		10V	±10%	X7R	C0603	C0603X7R100-105K	Venkel
	2	C4 C5	7.0pF		50V	±0.5pF	C0G	C0402	GJM1555C1H7R0DB01	MuRata
	1	C6	4.7uF	-55~125C	6.3V	±10%	X7R	C0603	CL10B475KQ8NQNC	Samsung Electro-Mechanics America, Inc
	6	C7 C8 C9 C10 C15 C29	0.1uF		10V	±10%	X7R	C0402 C0402L	C0402X7R100-104K	Venkel
	1	J1	2mm-1X6				Header	CONN1X6-2MM	TMM-106-01-L-S	Samtec
	1	J2	Header 2x5 TH				Header	CONN2X5-050 CONN2X5-FTSH-K	M50-3500542	Harwin
	1	L1	4.3nH	300mA		±0.3nH	UnShielded	L0402 L0402L	LQG15HN4N3S02D	Murata
	1	L2	3.6nH	300mA		±0.3nH	UnShielded	L0402	LQG15HN3N6S02D	Murata
	1	L3	2.7nH	300mA		±0.3nH	UnShielded	L0402	LQG15HS2N7S02D	Murata
	1	R1	0	1A			ThickFilm	R0402 R0402L	CR0402-16W-000	Venkel
	1	R2	50	1/20W		±0.1%	±25PPM	R0402	FC0402E50R0BST1	Vishay
	1	R4	1.0	1/16W		±1%	ThickFilm	R0402	CR0402-16W-1R00F	Venkel
	1	R5	10	1/16W		±1%	ThickFilm	R0402	CR0402-16W-10R0F	Venkel
	1	U1	EM3585				MCU	QFN48N7X7P0.5E5.35	EM3585-IRTR	SiLabs
	1	U2	SKY66109		3.3		PA	QFN20N_MCM_3X4	SKY66109	SKYWORKS
	1	U3	24MHz					XTAL4N3.2X2.5-FA238 XTAL4N-MULTI	TZ1203B	Taisaw

Not Installed Components

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NI	1	C3	1.0pF		50V	±0.25pF	C0G	C0402	GRM1555C1H1R0CA01D	MuRata