

Eval Board Name	IST-A9CDTECH
Revision	1.0

CreationDate	Proto Rev	Released
1/6/2016	2.00	0

NI	Quantity	Reference	Value	Rating	Voltage	Tolerance	Type	PCB_Footprint	ManufacturerPN	Manufacturer
	5	C1 C7 C12 C13 C15	0.01uF		50V	±10%	X7R	C0402 C0402L	GRM155R71H103KA88D	MuRata
	1	C10	0.47uF		10V	±10%	X5R	C0402	C0402X5R100-474K	Venkel
	3	C11 C14 C42	8pF		25V	±0.25pF	C0G	C0402	C0402C0G250-8R0CNE	Venkel
	1	C19	1.0uF		6.3V	±10%	X5R	C0402 C0402L	C0402X5R6R3-105K	Venkel
	4	C20 C22 C23 C26	0.1uF		10V	±10%	X7R	C0402 C0402L	C0402X7R100-104K	Venkel
	2	C24 C25	7.0pF		50V	±0.5pF	C0G	C0402	GJM1555C1H7R0DB01	MuRata
	1	C3	4.7uF		4V	±20%	X5R	C0402 C0402L	C1005X5R0G475M	TDK Corp
	1	C35	2.2uF		10V	±10%	X7R	C0402	GRM155R71A225KE15D	MuRata
	2	C39 C40	1.0pF		50V	±0.25pF	C0G	C0402	GRM1555C1H1R0CA01D	MuRata
	1	L1	3.3nH	0.9A	none	0.3nH	Multilayer	L0603 IND0603	LQG18HH3N3S00D	Murata
	1	L6	2.7nH	300mA		±0.3nH	UnShielded	L0402	LQG15HS2N7S02D	Murata
	1	R2	1.0	1/16W		±1%	ThickFilm	R0402	CR0402-16W-1R00F	Venkel
	1	R3	10	1/16W		±1%	ThickFilm	R0402	CR0402-16W-10R0F	Venkel
	1	R4	0	1A			ThickFilm	R0402 R0402L	CR0402-16W-000	Venkel
	1	U11	1:1				CERAMIC	BAL6N2.0X1.25P0.65	2450BL15B100E	JOHANSON
	1	U8	24MHz					XTAL4N3.2X2.5-FA238 XTAL4N-MULTI	TZ1203B	Taisaw
	1	U9	EM3555				MCU	QFN48N7X7P0.5E5.35	EM3555-RTR	SiLabs

Not Installed Components

NI	Quantity	Reference	Value	Rating	Voltage	Tolerance	Type	PCB_Footprint	ManufacturerPN	Manufacturer
NI	1	C41	1.0pF		50V	±0.25pF	C0G	C0402	GRM1555C1H1R0CA01D	MuRata
NI	9	TP1 TP2 TP3 TP4	BLUE				LOOP	TESTPOINT_63	5122	Keystone