

COMPONENTS PART LIST- STEVAL-TDR032V1

Component ID	Description	Value	Case size	Manufacturer	Part Code
B1,B3	Chip Inductor	1000nH	1206	Coilcraft	1206CS-102XJB
B2,B4	Ferrite Bead	700n	SMT	Korin	ASC050847D-700N
R1,R2	Resistor	47 W	603	Tyco Electronics	CRG0603F47R
R13,R14	Resistor	0 W	1206	NEOHM	5-1622002-0
R7,R8	Resistor	15 W	1206	BOURNS-E24	CR1206-FX-15R0
R9,R10	Potentiometer	10 kW		MURATA	MURPVG5A502C01R00
R11,R12	Resistor	1100 W	1206	BOURNS-E24	CR1206-FX-112
R19,R20	Resistor	27 W	1206	BOURNS-E24	CR1206-FX-27R0
R21,R22	Resistor	50 W	1206-2W	FLORIDA RF LABS	81A8004B50-5F
C1,C2	Capacitor	39pF	SMT	ATC	ATC800A390JT
C3,C4,C41,C42	Capacitor	470 pF	603	MURATA	GRM1885C1H471JA01
C5	Capacitor	2.2 pF	805	MURATA	GQM2195C2E2R2BB12
C6,C23	Capacitor	4.3	805	MURATA	GQM2195C2E4R3BB12
C44	Capacitor	5.1	805	MURATA	GQM2195C2E5R1BB12
C43	Capacitor	10 pF	805	MURATA	GQM2195C2E100JB12
C45	Capacitor	4.7pF	805	MURATA	GQM2195C2E4R7BB12
C46	Capacitor	1.5pF	805	MURATA	GQM2195C2E1R5BB12
C7,C47	Capacitor	2 pF	805	MURATA	GQM2195C2E2R0BB12
C8,C9,C10,C11	Capacitor	100 pF	603	MURATA	CQM1885C1H101JB01
C12,C13	Capacitor	10uF-16V	SMT	MURATA	GRM31MF51C106ZA12
C14,C15,C16,C17,C31,C32,C33,C34	Capacitor	22 nF	603	MURATA	GRM188R71H223KA01
C20	Capacitor	8.2pF	805	MURATA	GQM2195C2E8R2BB12
C21,C49	Capacitor	0.5 pF	805	MURATA	GQM2195C2ER50BB12
C50, C51	Capacitor	8.2 pF	805	MURATA	GQM2195C2E8R2BB12
C22	Capacitor	9.1pF	805	MURATA	GQM2195C2E9R1BB12
C24	Capacitor	0.5 pF	SMT	ATC	ATC100B0R5CW500X
C25,C26	Capacitor	27 pF	SMT	ATC	ATC100B270KW500X
C27,C28,C29,C30	Capacitor	100 pF	805	MURATA	CQM2195C2E101JB12
C18,C19,C35,C36,C37,C38	Capacitor	10uF-35V	SMT	MURATA	GRM32ER7YA106KA12
C39,C40	Capacitor	4.7uF-25V	SMT	MURATA	GRM21BR61E475KA12
L3,L4	Inductor	33nH	SMT	Korin	AS080447-33N
D1,D2	Zener Diode	5.1 V	SOD110	PHILIPS	BZX284C5V1
Vdd_2P_J1,J2	Connector DC	2 poli	2.54mm	Weidmuller	LM3.5/2/90 3.2
P1_P2	RF Connector	SMA_Female	Flange Screw Mount	Radiall	R124.510.000W
Q1-Q2	LDMOS	PD85050S	PowerSO-10RF	STMicroelectronics	PD85050S