

STEVAL-TDR030V1

Component ID	Description	Value	Case size	Manufacturer	Part Code
B1,B2,B3,B4	Ferrite Bead	700n	SMT	Korin	ASC050847D-700N
R1,R2	Resistor	47 W	603	Tyco Electronics	CRG0603F47R
R3,R4,R5,R6,R13,R14,R15,R16,R17,R18	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	2700 W	1206	BOURNS-E24	CR1206-FX-272
R19,R20	Resistor	27 W	1206	BOURNS-E24	CR1206-FX-27R0
R21,R22	Resistor	47 W	1206-2W	EMC TECHNOLOGY	81-8004B-47-5F
C1,C2	Capacitor	39pF	SMT	ATC	ATC800A390JT
C3,C4,C41,C42	Capacitor	470 pF	603	MURATA	GRM1885C1H471JA01
C5(*)	Capacitor	3.3 pF	505-C0G	MURATA	ERF1DM5C1H3R3CD01B
C6(*,*)	Capacitor	7 pF	505-C0G	MURATA	ERF1DM5C1H7R0DD01B
C7	Capacitor	15 pF	SMT	ATC	ATC800A150JT
C8,C9,C10,C11(*,*,*)	Capacitor	100 pF	505-C0G	MURATA	ERF1DM5C1H101JD01B
C12,C13	Capacitor	10uF-16V	SMT	MURATA	GRM31MF51C106ZA12
C14,C15,C16,C17,C31,C32,C33,C34	Capacitor	22 nF	603	MURATA	GRM188R71H223KA01
C18,C19	Capacitor	10uF/35V	SMT	PANASONIC	EEEH1V100AR
C20	Capacitor	0.7pF	SMT	ATC	ATC100B0R7BW500X
C21	Capacitor	1 pF	SMT	ATC	ATC100B1R0CW500X
C22	Capacitor	6.8 pF	SMT	ATC	ATC100B6R8CW500X
C23	Capacitor	1.5 pF	SMT	ATC	ATC100B1R5CW500X
C24	Capacitor	1.2 pF	SMT	ATC	ATC100B1R2CW500X
C25,C26	Capacitor	27 pF	SMT	ATC	ATC100B270KW500X
C27,C28,C29,C30	Capacitor	100 pF	SMT	ATC	ATC800A101JT
C35,C36,C37,C38	Capacitor	10uF-35V	SMT	MURATA	GRM32ER7YA106KA12
C39,C40	Capacitor	4.7uF-50V	SMT	MURATA	GRM31CR71H475KA12
L1,L2	Inductor	1.65nH	906	Coilcraft	0906-2KLB
L3,L4	Inductor	27nH	1812	Coilcraft	1812SMS-27NJLB
D1,D2	Zener Diode	5.1 V	SOD110	PHILIPS	BZX284C5V1
Vdd_2P_J1,J2	Connector DC	2 poli	2.54mm	PHOENIX CONTACT	1725656
P1_P2	RF Connector	SMA_Female	Flange Screw Mount	Radiall	R124.510.000W
Q1-Q2	LDMOS	LET9060S	PowerSO-10RF	STMicroelectronics	LET9060S