

STEVAL-TDR024V1 BOM

Component ID	Description	Value	Case size	Manufacturer	Part Code
B1	Ferrite Bead			PANASONIC	EXCELDRC35C
B2	Ferrite Bead			PANASONIC	EXCELDRC35C
C1, C2	Capacitor	330 pF	0603	MURATA	GRM39-C0G331J50D500
C3	Capacitor	1 uF	0603	MURATA	GRM39-X5R105K16D52K
C4, C5	Capacitor	470 pF	0603	MURATA	GRM39-C0G471J50D500
C6	Capacitor	47 pF	0603	MURATA	GRM39-C0G470J50D500
C7	Capacitor	27 pF	0603	MURATA	GRM39-C0G270J50D500
L1	Inductor	18.5 nH		COILCRAFT	A05TJ
L2,L3	Inductor	18.5 nH		COILCRAFT	A05TJ
R1	Resistor	510 Ω	0603	TYCO ELECTRONICS	
R2	Potentiometer	10 K Ω		BOURNS ELECTRONICS	3214W-1-103E
R3	Resistor	1 K	0603	TYCO ELECTRONICS	01623440-1
TL1	Transmission Line	W=0.92mm	L= 12 mm		
TL2	Transmission Line	W=0.92mm	L= 4.5 mm		
TL3	Transmission Line	W=0.92mm	L= 2.5 mm		
TL4	Transmission Line	W=0.92mm	L= 10 mm		
RF in, RF out	SMA-CONN	50 Ω	60 mils	JOHNSON	142-0701-801
PD84001	LDMOS			STMicroelectronics	PD84001
Board	FR-4 THk=0.020" 2OZ Cu Both Sides				