

Sheet1

DB-54008L-830 BOM						
Part Type	Component ID	Description	Value	Case size	Manufacturer	Part Code
CAP	C4	Capacitor	10 nF	1206	Murata	GRM42-6X7R104K50
CAP	C3	Capacitor	1 nF	1206	Murata	GRM42-6C0G102J50
CAP	C1	Capacitor	120 pF	1206	Murata	GRM42-6C0G121J50
CAP	C2	Capacitor	120 pF	1206	Murata	GRM42-6C0G121J50
CAP	C6	Capacitor	51 pF	100B	ATC	510
CAP	C7	Capacitor	51 pF	100B	ATC	510
CAP	C9	Capacitor	1.1 pF	100B	ATC	1R1
CAP	C10	Capacitor	3.6 pF	100B	ATC	3R6
CAP	C11	Capacitor	15 pF	100B	ATC	150
CAP	C12	Capacitor	18 pF	100B	ATC	180
CAP	C13	Capacitor	15 pF	100B	ATC	150
CAP	C8	Variable Capacitor	0.8 :- 8 pF		Johnson	27293
CAP	C14	Variable Capacitor	0.8 :- 8 pF		Johnson	27293
Electrolytic CAP	C5	Capacitor	10 uF	SMT	Panasonic	EEVHB1V100P
Ferrite Bead	B2	Ferrite Bead			PANASONIC	EXCELDRC35C
Ferrite Bead	B1	Ferrite Bead			PANASONIC	EXCELDRC35C
	L1	Inductor	8 nH		Coilcraft	A03T Mini Spring
	L2	Inductor	3.85 nH		Coilcraft	0906-4 Micro Spring
INDUCTOR	L3	Inductor	1.65 nH		Coilcraft	0906-2 Micro Spring
PD54008L	PD54008L	LDMOS			STMicroelectronics	PD54008L
POT1	R2	Potentiometer	10 K		BOURNS ELECTRONICS	3214W-1-103E
Resistor	R3	Resistor	1 K	1206	TYCO ELECTRONICS	01623440-1
Resistor	R1	Resistor	680	1206	TYCO ELECTRONICS	
SMA-CONN	RF in	SMA-CONN			Johnson	142-0701-801
SMA-CONN	RF out	SMA-CONN			Johnson	142-0701-801
ZENER	D1	Zener Diode	5.1 V	SOD110	PHILIPS	BZX284C5V1
	Board: FR-4 THk=0.060" 2OZ Cu Both Sides					