

GARRETT CS-3

Bill of Materials

Description	Designator
BATT 3.7 Volt Li-Ion 800 mAh Flatpack	B1
BALUN M110 – Johanson Technology 2450BM15A00012E	BAL1
CAP SM X5R 20% 10V 22uF 0603	C1
CAP SM X7R 20% 10V 10uF 0805	C2, C7, C9, C10, C19, C21, C22, C23
CAP SM CER .01UF X7R 0402	C3
CAP SM CER 33pF NPO 0402	C4
CAP SM jmpr using 0 ohm Res	C5
CAP SM CER 1uF 16 volt X7R 0603	C6, C37
CAP SM CER 5% NPO 220pF 0402	C8, C33
CAP SM CER 18pF NPO 0402	C17, C18
CAP SM CER 100nF X7R 0402	C29, C30, C31, C32, C34, C35, C36, C38
LED, RED, SM, 3.2x1.6 REV MT Lo I	CR1, CR2
DIO SM MBR0520LT1 Schottky Diode - 0.5A	CR3, CR4
CONN SM USB TYPE C RECEPT HORIZ MID MOUNT LOW PROFILE	J1
INDUCTOR, 47uH, SM 1210	L1
BRADY LASER LABEL	LABEL1
SWITCH DOME WIRELESS HEADPHONE M144	M144 DOME SW ASSY1
CONN SM 1.25mm 1x2 MALE VERT	P1
RES SM 220 0402	R1, R11
RES SM 5.1K 5% 0402	R3, R6
RES SM 56K 5% 0402	R4
RES SM .063W 1% 82.0K OHM 0402	R5
RES SM 330.0K 1% 0402	R7, R13
RES SM 10.0K 0402	R8, R10
RES SM 100.0K 1% 0402	R9
RES SM 4.99K 1% 0402	R12
RES SM 0 OHM JUMPER 0402	R14
IC SM TI CC8520 RF SOC QFN-40	U1
IC SM TI bq25015 CHGR/DC-DC CONV RHL-20	U2
IC SM TI TLV320AIC3204 CODEC QFN-32	U3
XTAL SM 48MHz 3.2 x 2.5 Abracon AMB8G-48.000MHZ	Y1