

<i>Item</i>	<i>RefDes</i>	<i>Description</i>	<i>Manufacturer</i>	<i>Manufacturer's Part Number</i>
1	PCB1	PCB	Exception PCB	CDB47L90-M-1-REV2
2	U4	CS47L90 Smart Codec	Cirrus Logic International (UK) Ltd	CS47L90-CWZR
3	C1 C6 C8 C11 C12 C14 C15	1uF 0402 SMD Ceramic Capacitor 6.3V X5R	MuRata	GRM155R60J105KE19D
4	C3	1uF 0402 SMD Ceramic Capacitor 10V X5R	MuRata	GRM155R61A105KE15D
5	1V8 AVDD BC1 BC2 BC3 BC4 C3CLK C1MISO C3MISO C1CLK C1SS C1MOSI C2SDA C3MOSI C3SS C2CLK DMCLK3 DMCLK4 DMCLK5 DMDAT3 DMDAT4 DMDAT5 GND1 GND2 GND3 GND4 GND5 GND8 GND9 GND10 GND11 GND12 GND13 GND14 GND18 GND19 GPIO1 GPIO2 GPIO3 GPIO4 GPIO5 GPIO6 GPIO7 GPIO8 GPSW2N GPSW2P IN2RN IN2BLP IN2BLN IN1BRN IN1ARN IN1ALP IN1ALN IN1ARP IN1BLN IN1BRP IN2ALN IN2ALP IN1BLP IN2RP IRQ LRC1 LRC2 LRC3 LRC4 MCLK1 MCLK2 MDET1 MDET2 MDET3 MDET4 MICB2C MICB2B MICB2A MICB1D MICB1C MICB1B MICB1A MICB2D MICVDD PDMC PDMD RST RXD1 RXD2 RXD3 RXD4 SLMCLK SLMD1 SLMD2 SLMD3 SYSVDD TXD1 TXD2 TXD3 TXD4	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245
6	J6	PCB mount 1X2 terminal block for 2.5mm wire guage	LUMBERG	KRM 02
7	C13 C18 C23	2.2uF 0402 SMD Ceramic Capacitor 6.3V X5R	Kemet	C0402C225M9PAC

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8	R3 R6 R8 R10 R11 R12 R13 R18 R19 R20 R22 R23 R24 R25 R26 R27 R30 R32 R33 R35 R36 R37 R38 R43 R44 R45 R46 R47 R48 R49 R50	0R 0402 SMD chip resistor 1% 0.063W	Multicomp	MC 0.0625W 0402 1% 0R
9	R52 R60	560R 0402 SMD chip resistor 1% 0.063W	Multicomp	MC00625W04021560R
10	R31	Thick film Chip Resistor, 0402 1% 1K 0.063W	Multicomp	0402WGF1001TCE
11	C37 C38	1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	225524615663
12	U2	SN74AUC1G14 Single Schmitt-Trigger Inverter	Texas Instruments	SN74AUC1G14DBVR
13	U1	500mA Output Current, High Speed LDO Regulators, Thermal Shutdown Function, Ceramic Capacitor Compatible XC6214 Series - 3V3 SOT-89	Torex	XC6214P332PR
14	C17 C22 C24 C25 C28 C29 C30 C31	4.7uF 0402 SMD Ceramic Capacitor 4V X5R	MURATA	GRM155R60G475ME
15	J5 J7	1x10 1.00mm pitch PCB Pin Header VERTICAL	GLOBAL CONNECTOR TECHNOLOGY	BC020-10-A-0380-0300-L
16	R40 R51 R59	Thick film Chip Resistor, 0402 0.5% 2K2 0.0625W	Yageo (Phycomp)	RE0402DR-072K2L
17	U3	FDMA1024NZ Dual N-Channel Power Trench MOSFET	Fairchild	FDMA1024NZ
18	J1 J2 J3	Harting Header Straight 2.54mm Pitch 6 Way	Harting	09 18 506 6324
19	GND7 GND15 GND16	1.32mm PCB Test Terminal BLACK	Vero	20-2136
20	C32	470nF 0402 SMD Ceramic Capacitor 6.3V X5R	MuRata	GRM155R60J474KE19D
21	C2 C7 C9 C10	0.1uF 0402 SMD Ceramic Capacitor 16V X7R	MuRata	GRM155R71C104KA88D
22	R9 R14 R15 R16 R21	Thick film Chip Resistor, 0402 1% 33R 0.063W	Yageo (Phycomp)	RC0402FR-0733RL
23	R41	1K2 0603 SMD chip resistor 1% 0.063W	Multicomp	MC 0.063W 0603 1% 1K2
24	R57 R58	1R5 0603 SMD chip resistor 1% 0.063W	Multicomp	MC 0.063W 0603 1% 1R5
25	J4	3.5mm 4 Pole Jack Socket SHOGYO	Shogyo	M03-935A0
26	APJ1 APJ2 APJ3	2x40 1.27mm pitch SFC Samtec SMT Header	Samtec	SFC-140-T2-F-D-A
Unpop				
27	C35 C36	1uF 0402 SMD Ceramic Capacitor 10V X5R	MuRata	GRM155R61A105KE15D

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28	C16 C19 C20 C21 C26 C27 C33 C34	2.2uF 0402 SMD Ceramic Capacitor 6.3V X5R	Kemet	C0402C225M9PAC
29	R1 R2 R4 R5 R17 R28 R29 R34 R39 R42 R53 R54 R55 R56	0R 0402 SMD chip resistor 1% 0.063W	Multicomp	MC 0.0625W 0402 1% 0R
30	R7	Thick film Chip Resistor, 0402 1% 120R 0.063W	Multicomp	MC 0.0625W 0402 1% 120R
31	C4	47pF 0402 SMD Ceramic Capacitor 50V NPO	Kemet	C0402C470J5GAC
32	C5	33uF 1206 SMD Ceramic Capacitor 6.3V X5R	TDK	C3216X5R0J336M
33	GND6 GND17	1.32mm PCB Test Terminal BLACK	Vero	20-2136
34	1V8_TP 1V2	1.32mm PCB Test Terminal RED	Vero	20-313141
35	SP1 SP2	Surface mount shorting point	N/A	N/A