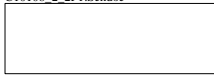
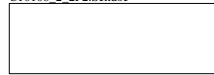


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C10108\_2\_2P1.Schdoc



U\_C10108\_2\_2P2  
C10108\_2\_2P2.Schdoc



- BO1  
○  
PCB BREAKOUT D
- BO5  
○  
PCB BREAKOUT D
- BO9  
○  
PCB BREAKOUT D
- BO13  
○  
PCB BREAKOUT D
- BO2  
○  
PCB BREAKOUT D
- BO6  
○  
PCB BREAKOUT D
- BO10  
○  
PCB BREAKOUT D
- BO14  
○  
PCB BREAKOUT D
- BO3  
○  
PCB BREAKOUT D
- BO7  
○  
PCB BREAKOUT D
- BO11  
○  
PCB BREAKOUT D
- BO15  
○  
PCB BREAKOUT D
- BO4  
○  
PCB BREAKOUT D
- BO8  
○  
PCB BREAKOUT D
- BO12  
○  
PCB BREAKOUT D
- BO16  
○  
PCB BREAKOUT D

- FID1  
○  
FIDUCIAL
- FID2  
○  
FIDUCIAL
- FID3  
○  
FIDUCIAL
- FID4  
○  
FIDUCIAL
- TOP
- BOT

HOLE-TOOLING 3.5MM  
○ ATE1  
○ ATE2

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REV	BY	DATE	ECN	CHK
A	MG	27_03_15		XXX
1	MG	27_05_15		XXX
2	GWR	14/07/15	3386	XXX
2.1	MG	14/10/15		
2.2	MG	19/11/15		

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FILE: C10108\_2\_2.Schdoc

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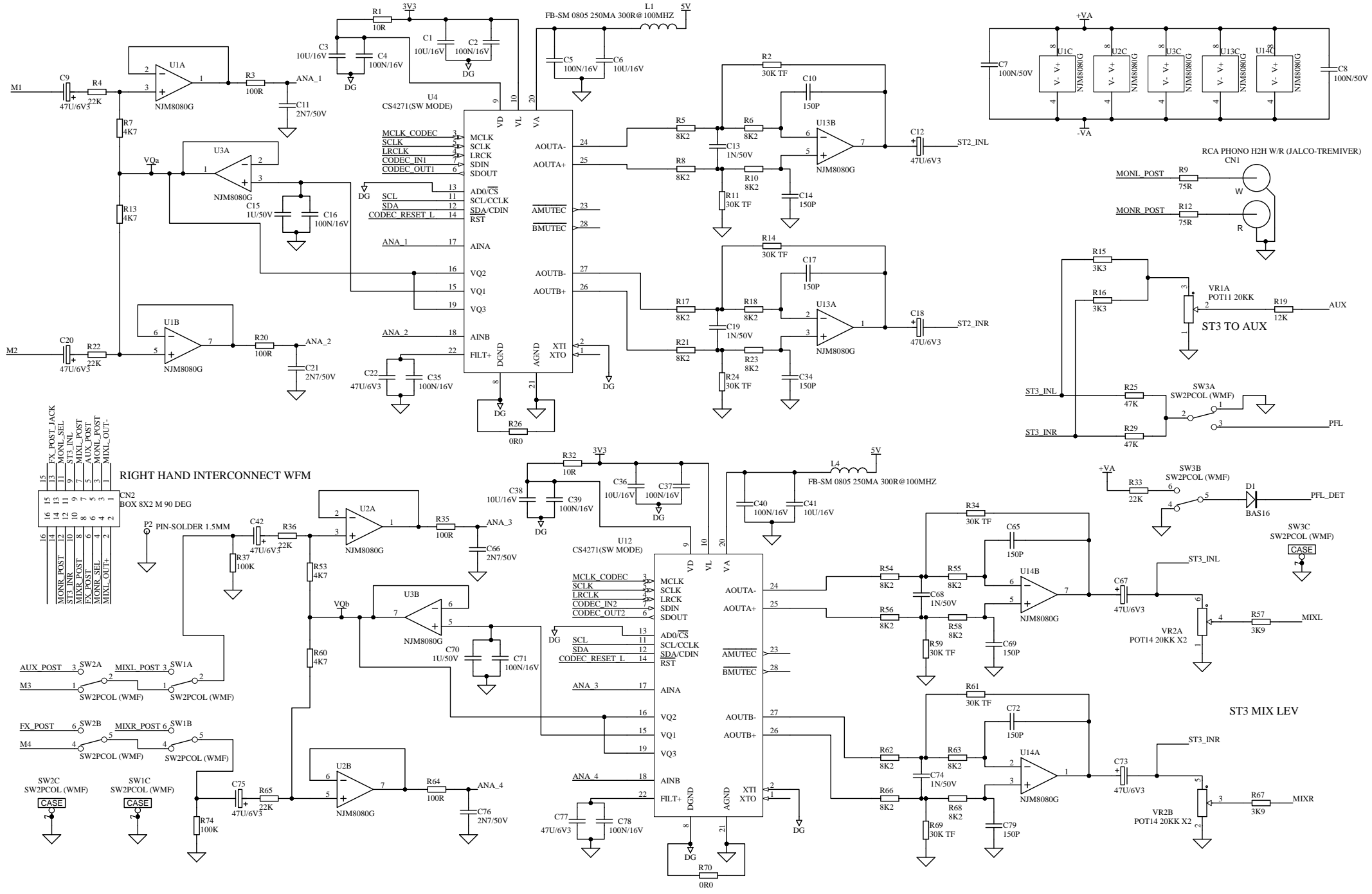
\* All parts to be RoHS Compliant \*

ASSEMBLY  
PROD(004-691)

TITLE: ZED 10  
INTERFACE

PAGE:

DRG No: C10108 ISSUE: 2.2 SHEET: 1 OF 3



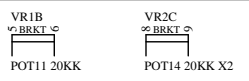
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2.2	MG	19/11/15		

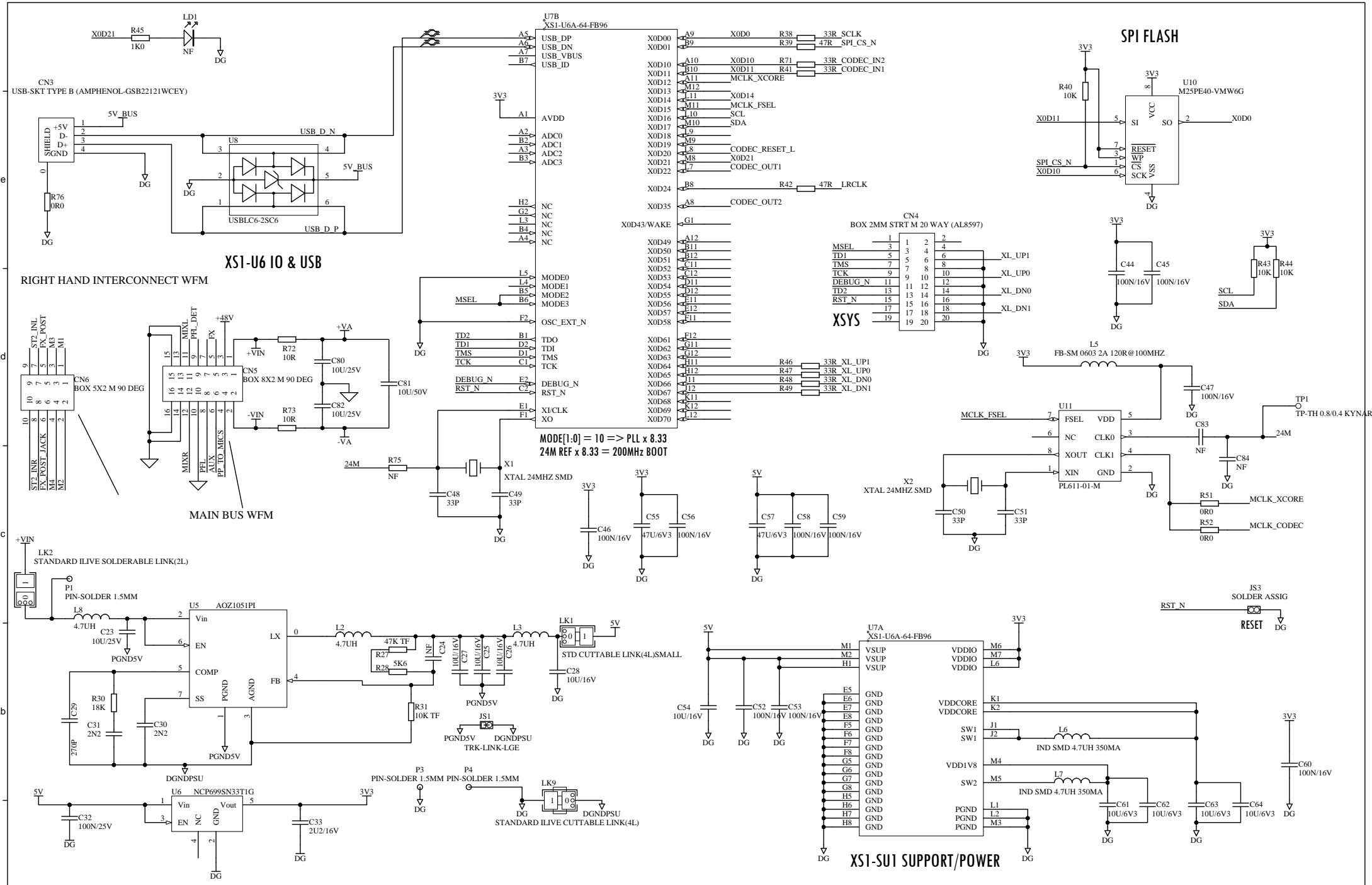
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FILE: C10108\_2\_2P1.Schdoc



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**ZED 10**  
 TITLE: INTERFACE  
 PAGE:  
 DRG No: C10108 ISSUE: 2.2 SHEET: 2 OF 3



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REV	BY	DATE	ECN	CHK
A	MG	27_03_15		XXX
1	MG	27_05_15		XXX
2	GWR	14/07/15	3386	XXX
2.1	MG	14/10/15		
2.2	MG	19/11/15		

Edit in Project Options, Parameters Tab.

FILE: C10108\_2\_2P2.Schdoc

\* All parts to be RoHS Compliant \*

**ZED 10**  
TITLE: INTERFACE  
PAGE: DSP + HOST  
DRG No: C10108 ISSUE: 2.2 SHEET: 3 OF 3

VCS Revision Not in version control PRINTED: 11:19:34 03/03/2016

Description	Designator
HOLE TOOLING 3.5 mm	ATE1
HOLE TOOLING 3.5 mm	ATE2
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C1
CAPACITOR CERAMIC SMD0603 100N 16V (AF4538)	C2
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C3
CAPACITOR CERAMIC SMD0603 100N 16V (AF4538)	C4
CAPACITOR CERAMIC SMD0603 100N 16V (AF4538)	C5
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C6
CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	C7
CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	C8
CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	C9
CAPACITOR CERAMIC SMD0805 150P (AF3533)	C10
CAPACITOR COG SMD0805 2N7 50V (AF5820)	C11
CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	C12
CAPACITOR COG SMD0805 1N0 50V (CC0805JRNPO9BN102)(AF7750)	C13
CAPACITOR CERAMIC SMD0805 150P (AF3533)	C14
CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)	C15
CAPACITOR CERAMIC SMD0603 100N 16V (AF4538)	C16
CAPACITOR CERAMIC SMD0805 150P (AF3533)	C17
CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	C18
CAPACITOR COG SMD0805 1N0 50V (CC0805JRNPO9BN102)(AF7750)	C19
CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	C20
CAPACITOR COG SMD0805 2N7 50V (AF5820)	C21
CAPACITOR CERAMIC SMD0805 47UF X5R 6V3 20%	C22
CAPACITOR CERAMIC SMD1206 10UF X5R 25V 10% (AF8942)	C23
CAPACITOR CERAMIC SMD0805 NOT FITTED	C24
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C25
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C26
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C27
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C28
CAPACITOR CERAMIC SMD0805 270P 50V (AF9056)	C29
CAPACITOR CERAMIC SMD0805 2N2 (AF3548)	C30
CAPACITOR CERAMIC SMD0805 2N2 (AF3548)	C31
CAPACITOR CERAMIC SMD0603 100N 25V X7R (AF5733)	C32
CAPACITOR CERAMIC SMD0805 2.2UF X7R 16V 10% (KERMIT-C0805C225K4RAC)(AF9329)	C33
CAPACITOR CERAMIC SMD0805 150P (AF3533)	C34
CAPACITOR CERAMIC SMD0603 100N 16V (AF4538)	C35
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C36
CAPACITOR CERAMIC SMD0603 100N 16V (AF4538)	C37
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C38
CAPACITOR CERAMIC SMD0603 100N 16V (AF4538)	C39
CAPACITOR CERAMIC SMD0603 100N 16V (AF4538)	C40
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C41
CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	C42
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C44
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C45
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C46
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C47
CAPACITOR CERAMIC SMD0805 33P (AF4887)	C48

CAPACITOR CERAMIC SMD0805 33P (AF4887)	C49
CAPACITOR CERAMIC SMD0805 33P (AF4887)	C50
CAPACITOR CERAMIC SMD0805 33P (AF4887)	C51
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C52
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C53
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C54
CAPACITOR CERAMIC SMD0805 47UF X5R 6V3 20%	C55
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C56
CAPACITOR CERAMIC SMD0805 47UF X5R 6V3 20%	C57
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C58
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C59
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C60
CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)	C61
CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)	C62
CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)	C63
CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)	C64
CAPACITOR CERAMIC SMD0805 150P (AF3533)	C65
CAPACITOR COG SMD0805 2N7 50V (AF5820)	C66
CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	C67
CAPACITOR COG SMD0805 1N0 50V (CC0805JRNPO9BN102)(AF7750)	C68
CAPACITOR CERAMIC SMD0805 150P (AF3533)	C69
CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)	C70
CAPACITOR CERAMIC SMD0603 100N 16V (AF4538)	C71
CAPACITOR CERAMIC SMD0805 150P (AF3533)	C72
CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	C73
CAPACITOR COG SMD0805 1N0 50V (CC0805JRNPO9BN102)(AF7750)	C74
CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	C75
CAPACITOR COG SMD0805 2N7 50V (AF5820)	C76
CAPACITOR CERAMIC SMD0805 47UF X5R 6V3 20%	C77
CAPACITOR CERAMIC SMD0603 100N 16V (AF4538)	C78
CAPACITOR CERAMIC SMD0805 150P (AF3533)	C79
CAPACITOR CERAMIC SMD1206 10UF X5R 25V 10% (AF8942)	C80
CAPACITOR CERAMIC SMD1206 10UF X5R 50V 10% (AF9655)	C81
CAPACITOR CERAMIC SMD1206 10UF X5R 25V 10% (AF8942)	C82
CAPACITOR CERAMIC SMD0805 NOT FITTED	C83
CAPACITOR CERAMIC SMD0805 NOT FITTED	C84
RCA PHONO DUAL HORIZONTAL W/R (YKC21-3120 (PS3120)) (AL6830)	CN1
Connector BOX,Molex Type 0.1" Pitch 8x2 pins (AL4335)	CN2
USB_SKT TYPE B FEMALE AMPHENOL-GSB22121WCEY (AL8357)	CN3
BOX 2MM STRT MALE 20 WAY (AL8597)	CN4
Connector BOX,Molex Type 0.1" Pitch 8x2 pins (AL4335)	CN5
Connector BOX,Molex Type 0.1" Pitch 5x2 pins Male 90 Deg (AL4334)	CN6
DIODE SMD BAS16 SIGNAL (AE9211)	D1
SMD FIDUCIAL	FID1
SMD FIDUCIAL	FID2
SMD FIDUCIAL	FID3
SMD FIDUCIAL	FID4
FERRITE BEAD SMD0805 250mA 300R @ 100MHz TYCO (AM6909)	L1
INDUCTOR SMD 4.7UH 1A	L2
INDUCTOR SMD 4.7UH 1A	L3

FERRITE BEAD SMD0805 250mA 300R @ 100MHz TYCO (AM6909)	L4
INDUCTOR SMD 2A 120R@100MHz MURATA BLM18PG121SN1D (AM7664)	L5
INDUCTOR SMD 4.7UH 350mA (AM3578)	L6
INDUCTOR SMD 4.7UH 350mA (AM3578)	L7
INDUCTOR SMD 4.7UH 1A	L8
LED T1 3mm NOT FITTED	LD1
RESISTOR CARBON SMD0805 10R 5% (AC3027)	R1
RES SMD TF 30K 0.5% 0805 MET (H1Y85LR) (AC6022)	R2
RESISTOR METAL FILM SMD0805 100R 1% (AC3054)	R3
RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	R4
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R5
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R6
RESISTOR METAL FILM SMD0805 4K7 1% (AC3062)	R7
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R8
RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	R9
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R10
RES SMD TF 30K 0.5% 0805 MET (H1Y85LR) (AC6022)	R11
RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	R12
RESISTOR METAL FILM SMD0805 4K7 1% (AC3062)	R13
RES SMD TF 30K 0.5% 0805 MET (H1Y85LR) (AC6022)	R14
RESISTOR METAL FILM SMD0805 3K3 1% (AC3061)	R15
RESISTOR METAL FILM SMD0805 3K3 1% (AC3061)	R16
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R17
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R18
RESISTOR METAL SMD0805 12K 1% (AC5012)	R19
RESISTOR METAL FILM SMD0805 100R 1% (AC3054)	R20
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R21
RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	R22
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R23
RES SMD TF 30K 0.5% 0805 MET (H1Y85LR) (AC6022)	R24
RESISTOR CARBON SMD0805 47K 5% (AC3035)	R25
RESISTOR CARBON SMD0805 0R0 5% (AC2838)	R26
RES SMD TF 47K 0.5% 0805 MET (H1Y85RL) (AC6024)	R27
RESISTOR CARBON SMD0805 5K6 5% (AC4106)	R28
RESISTOR CARBON SMD0805 47K 5% (AC3035)	R29
RESISTOR METAL FILM SMD0805 18K 1% (AC0377)	R30
RES SMD TF 10K 0.5% 0805 MET (H1Y84XR) (AC6018)	R31
RESISTOR CARBON SMD0805 10R 5% (AC3027)	R32
RESISTOR CARBON SMD0805 22K 5% (AC3540)	R33
RES SMD TF 30K 0.5% 0805 MET (H1Y85LR) (AC6022)	R34
RESISTOR METAL FILM SMD0805 100R 1% (AC3054)	R35
RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	R36
RESISTOR SMD0603 100K 1% (AC8876)	R37
RESISTOR CARBON SMD0402 33R 1% (AC7353)	R38
RESISTOR CARBON SMD0402 47R 1% (AC7281)	R39
RESISTOR CARBON SMD0402 10K 1% (AC7359)	R40
RESISTOR CARBON SMD0402 33R 1% (AC7353)	R41
RESISTOR CARBON SMD0402 47R 1% (AC7281)	R42
RESISTOR SMD0603 10K 1% (AC8867)	R43
RESISTOR SMD0603 10K 1% (AC8867)	R44

RESISTOR CARBON SMD0402 1K0 1% (AC7404)	R45
RESISTOR CARBON SMD0402 33R 1% (AC7353)	R46
RESISTOR CARBON SMD0402 33R 1% (AC7353)	R47
RESISTOR CARBON SMD0402 33R 1% (AC7353)	R48
RESISTOR CARBON SMD0402 33R 1% (AC7353)	R49
RESISTOR CARBON SMD0402 0R0 (AC7350)	R51
RESISTOR CARBON SMD0402 0R0 (AC7350)	R52
RESISTOR METAL FILM SMD0805 4K7 1% (AC3062)	R53
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R54
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R55
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R56
RESISTOR CARBON SMD0805 3K9 5% (AC4105)	R57
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R58
RES SMD TF 30K 0.5% 0805 MET (H1Y85LR) (AC6022)	R59
RESISTOR METAL FILM SMD0805 4K7 1% (AC3062)	R60
RES SMD TF 30K 0.5% 0805 MET (H1Y85LR) (AC6022)	R61
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R62
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R63
RESISTOR METAL FILM SMD0805 100R 1% (AC3054)	R64
RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	R65
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R66
RESISTOR CARBON SMD0805 3K9 5% (AC4105)	R67
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R68
RES SMD TF 30K 0.5% 0805 MET (H1Y85LR) (AC6022)	R69
RESISTOR CARBON SMD0805 0R0 5% (AC2838)	R70
RESISTOR CARBON SMD0402 33R 1% (AC7353)	R71
RESISTOR CARBON SMD0805 10R 5% (AC3027)	R72
RESISTOR CARBON SMD0805 10R 5% (AC3027)	R73
RESISTOR SMD0603 100K 1% (AC8876)	R74
RESISTOR SMD NOT FITTED 0402	R75
RESISTOR CARBON SMD0805 0R0 5% (AC2838)	R76
SWITCH DPDT WMF LATCHING (AL6824)	SW1
SWITCH DPDT WMF LATCHING (AL6824)	SW2
SWITCH DPDT WMF LATCHING (AL6824)	SW3
IC SMD NJM8080G DUAL OP-AMP (AE9385)	U1
IC SMD NJM8080G DUAL OP-AMP (AE9385)	U2
IC SMD NJM8080G DUAL OP-AMP (AE9385)	U3
IC SMD CS4271 CODEC Software Mode (AE6619)	U4
IC SMD AOZ1051PI 3A SYNC BUCKRegulator(AE8950)	U5
REG SMD NCP699SN33T1G 3V3 LOW Iq LDO REGULATOR	U6
IC SMD MCU XS1-U6A-64-FB96 500MHZ FBGA96(XMOS)(AE9616)	U7
IC SMD USBLC6-2SC6 LOW CURRENT USB ESD PROTECTION (AE8914)	U8
IC SMD M25PE40-VMW6G SERIAL FLASH 4M 75 MHz (AE8648)	U10
IC SMD CLOCK GEN PL611-01 MSOP-8(MICREL)(AE9615)	U11
IC SMD CS4271 CODEC Software Mode (AE6619)	U12
IC SMD NJM8080G DUAL OP-AMP (AE9385)	U13
IC SMD NJM8080G DUAL OP-AMP (AE9385)	U14
POT ALPS 11mm 20KK 203K (AI8003)	VR1
POT ALPS 14mm 20KK x2 203K (AI8007)	VR2
SMD CRYSTAL 24 MHz (AE7150)	X1



SMD CRYSTAL 24 MHz (AE7150)
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X2
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