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REV	BY	DATE	ECN	CHK
X	MG	XX-XX-XX		XXX

VR1B POT11 10KZ	VR2B POT11 20K C/D	VR3B POT11 20K C/D	VR4B POT11 20KK	VR5C POT14 10KAC C/D	R48 100R
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ASSEMBLY  
 PROD(004-653)

\* All parts to be RoHS Compliant \*

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VCS Revision Not in version control

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**ZED 6**  
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- HOLE-FIXING 3.2MM
- BO1\_4 BO5\_4 BO1\_3 BO5\_3 BO1 BO5
  - BO2\_4 BO6\_4 BO2\_3 BO6\_3 BO2 BO6
  - BO3\_4 BO7\_4 BO3\_3 BO7\_3 BO3 BO7
  - BO4\_4 BO8\_4 BO4\_3 BO8\_3 BO4 BO8
- PCB BREAKOUTS
- AI1 HOLE-AI
  - AI2 HOLE-AI
  - AI3 HOLE-AI
  - AI4 HOLE-AI
- FID\_MINATURE
- FID1
  - FID2
  - FID3
  - FID4
- TOP  
 BOTTOM

Description	Designator
AI HOLE 3.1 mm	AI1
AI HOLE 3.1 mm	AI2
AI HOLE 3.1 mm	AI3
AI HOLE 3.1 mm	AI4
CAPACITOR ELECTROLYTIC SMD 10uF 16V (AF5235)	C1
CAPACITOR CERAMIC SMD0805 22P (AF2992)	C2
CAPACITOR CERAMIC SMD0805 47P (AF4700)	C3
CAPACITOR ELECTROLYTIC 47uF 63V (AF0217)	C4
CAPACITOR CERAMIC SMD0603 330P (AF4543)	C5
CAPACITOR CERAMIC SMD0805 1N5 (AF2991)	C6
CAPACITOR COG SMD0805 22N 50V (MURATA-GRM21B5C1H223J)(AF9397)	C7
CAPACITOR CERAMIC SMD0603 330P (AF4543)	C8
CAPACITOR CERAMIC SMD0603 18P (AF4540)	C9
CAPACITOR ELECTROLYTIC 47uF 63V (AF0217)	C10
CAPACITOR CERAMIC SMD0805 47P (AF4700)	C11
CAPACITOR CERAMIC SMD0805 22P (AF2992)	C12
CAPACITOR COG SMD0805 22N 50V (MURATA-GRM21B5C1H223J)(AF9397)	C13
CAPACITOR COG SMD0805 22N 50V (MURATA-GRM21B5C1H223J)(AF9397)	C14
CAPACITOR ELECTROLYTIC SMD LESR 330uF 6.3V (AF8971)	C15
CAPACITOR ELECTROLYTIC SMD 10uF 16V (AF5235)	C16
CAPACITOR ELECTROLYTIC SMD 10uF 16V (AF5235)	C17
CAPACITOR ELECTROLYTIC SMD 10uF 16V (AF5235)	C18
CAPACITOR MYLAR 4N7 100V 10% (AF0165)	C19
CAPACITOR CERAMIC SMD0603 18P (AF4540)	C21
CAPACITOR CERAMIC SMD0805 33P (AF4887)	C22
CAPACITOR ELECTROLYTIC SMD 10uF 16V (AF5235)	C23
CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	C25
CAPACITOR CERAMIC SMD0805 330N (AF5070)	C26
CAPACITOR MYLAR 100NF 100V 10% (AF0160)	C27
CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	C28
CAPACITOR MYLAR 100NF 100V 10% (AF0160)	C29
CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	C30
CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	C31
XLR 3 PIN FEMALE WITH GROUND (AL2412)	CN1
JACK SOCKET HORIZONTAL 6 PIN HEADPHONE()loco (AL6893)	CN2
Connector IDC,Molex Type 0.1" Pitch 5x2 pins Male 90 Deg (AL3512)	CN3
NF Connector JST B2P-SHF-1AA 2 pins (AL2598)	CN4
DIODE SMD BAS16 SIGNAL (AE9211)	D1
SMD FID_MINATURE	FID1
SMD FID_MINATURE	FID2
SMD FID_MINATURE	FID3
SMD FID_MINATURE	FID4
TRANSISTOR SMD MMBTA92 PNP (AE9177)	Q1
TRANSISTOR SMD MMBTA92 PNP (AE9177)	Q2
TRANSISTOR SMD MMBFJ111 JFET N CHANNEL (AE5523)	Q4
RESISTOR METAL FILM SMD0805 100R 1% (AC3054)	R1
RES SMD TF 22K 0.5% 0805 MET (H1Y85HZ) (AC6021)	R2
RES SMD TF 22R 0.5% 0805 MET (H1Y82HK) (AC6008)	R3
RES SMD TF 10K 0.5% 0805 MET (H1Y84XR) (AC6018)	R4

RES SMD TF 10K 0.5% 0805 MET (H1Y84XR) (AC6018)	R5
RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)	R6
RESISTOR CARBON SMD0805 47K 5% (AC3035)	R7
RESISTOR METAL FILM SMD0805 150K 1% (AC5414)	R8
RESISTOR METAL FILM SMD0805 3K3 1% (AC3061)	R9
RES SMD TF 4K7 0.5% 0805 MET (H1Y84PK) (AC6015)	R10
RES SMD TF 10K 0.5% 0805 MET (H1Y84XR) (AC6018)	R11
RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)	R12
RESISTOR CARBON SMD0805 47K 5% (AC3035)	R13
RES SMD TF 22R 0.5% 0805 MET (H1Y82HK) (AC6008)	R14
RESISTOR CARBON SMD0805 4R7 5% (AC4893)	R15
RES SMD TF 10K 0.5% 0805 MET (H1Y84XR) (AC6018)	R16
RESISTOR METAL FILM SMD0805 150K 1% (AC5414)	R17
RESISTOR METAL SMD0402 100K 0.5% (AC8486)	R18
RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	R19
RES SMD TF 22K 0.5% 0805 MET (H1Y85HZ) (AC6021)	R20
RESISTOR METAL SMD0402 100K 0.5% (AC8486)	R21
RESISTOR METAL SMD0402 33K 0.5% (AC8480)	R22
RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	R23
RES SMD TF 10K 0.5% 0805 MET (H1Y84XR) (AC6018)	R24
RES SMD TF 4K7 0.5% 0805 MET (H1Y84PK) (AC6015)	R25
RES SMD TF 10K 0.5% 0805 MET (H1Y84XR) (AC6018)	R26
RESISTOR CARBON SMD0805 22K 5% (AC3540)	R27
RESISTOR SMD0603 47K 1% (AC8870)	R28
RESISTOR SMD0603 47K 1% (AC8870)	R29
RESISTOR SMD0603 2K2 1% (AC8865)	R30
RES SMD TF 10K 0.5% 0805 MET (H1Y84XR) (AC6018)	R31
RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	R32
RESISTOR METAL FILM SMD0805 33K 1% (AC3532)	R33
RESISTOR METAL FILM SMD0805 4M7 1% (AC5586)	R35
RESISTOR SMD0603 100K 1% (AC8876)	R36
RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	R37
RESISTOR CARBON SMD0805 5K6 5% (AC4106)	R38
RES SMD TF 15K 0.5% 0805 MET (H1Y84ZX) (AC6020)	R39
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R40
RESISTOR SMD0603 2K7 1% (AC8862)	R41
RESISTOR SMD0603 2K7 1% (AC8862)	R42
RESISTOR METAL SMD0805 12K 1% (AC5012)	R43
RESISTOR CARBON SMD0805 10R 5% (AC3027)	R44
RESISTOR METAL SMD0805 12K 1% (AC5012)	R45
RESISTOR CARBON SMD0805 22K 5% (AC3540)	R46
RESISTOR CARBON SMD0805 10R 5% (AC3027)	R47
RESISTOR METAL FILM SMD0805 100R 1% (AC3054)	R48
RESISTOR METAL FILM SMD0805 33R 1% (AC2839)	R49
RESISTOR METAL FILM SMD0805 33R 1% (AC2839)	R50
RESISTOR SMD NOT FITTED 0805	R51
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
POT ALPS 11mm 10KZ (AI3838)	VR1
POT ALPS 11mm 20KB C/D 203B (AI8004)	VR2
POT ALPS 11mm 20KB C/D 203B (AI8004)	VR3
POT ALPS 11mm 20KK 203K (AI8003)	VR4
POT ALPS 14mm 10KAC x2 C/D 103AC (AI8008)	VR5