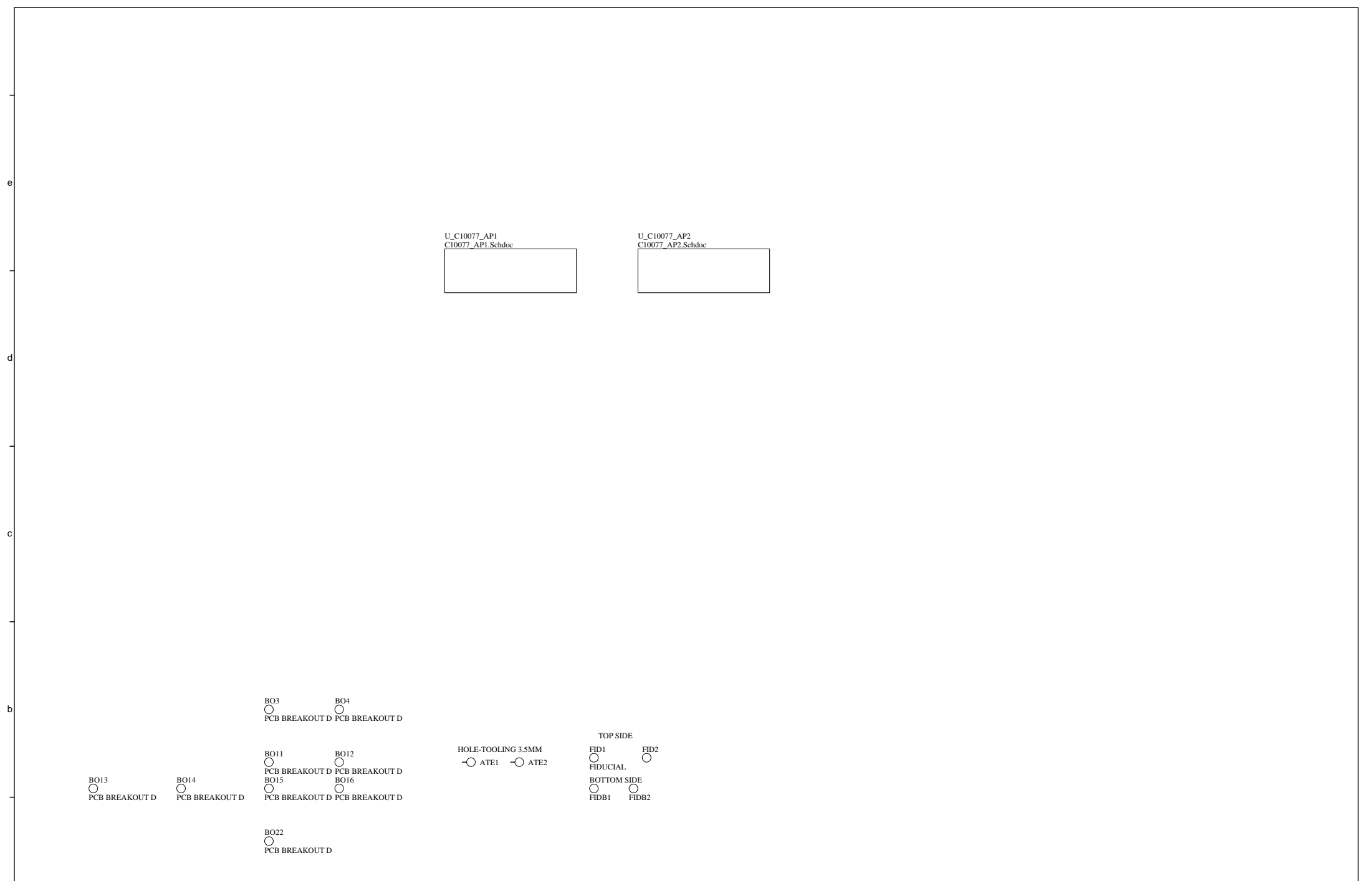


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ALLEN & HEATH
ZED 6 INTERFACE

UL 94U-0





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REV	BY	DATE	ECN	CHK
A	MG	13_03_15		XXX
1	MG	21_05_15		

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VCS Revision Not in version control

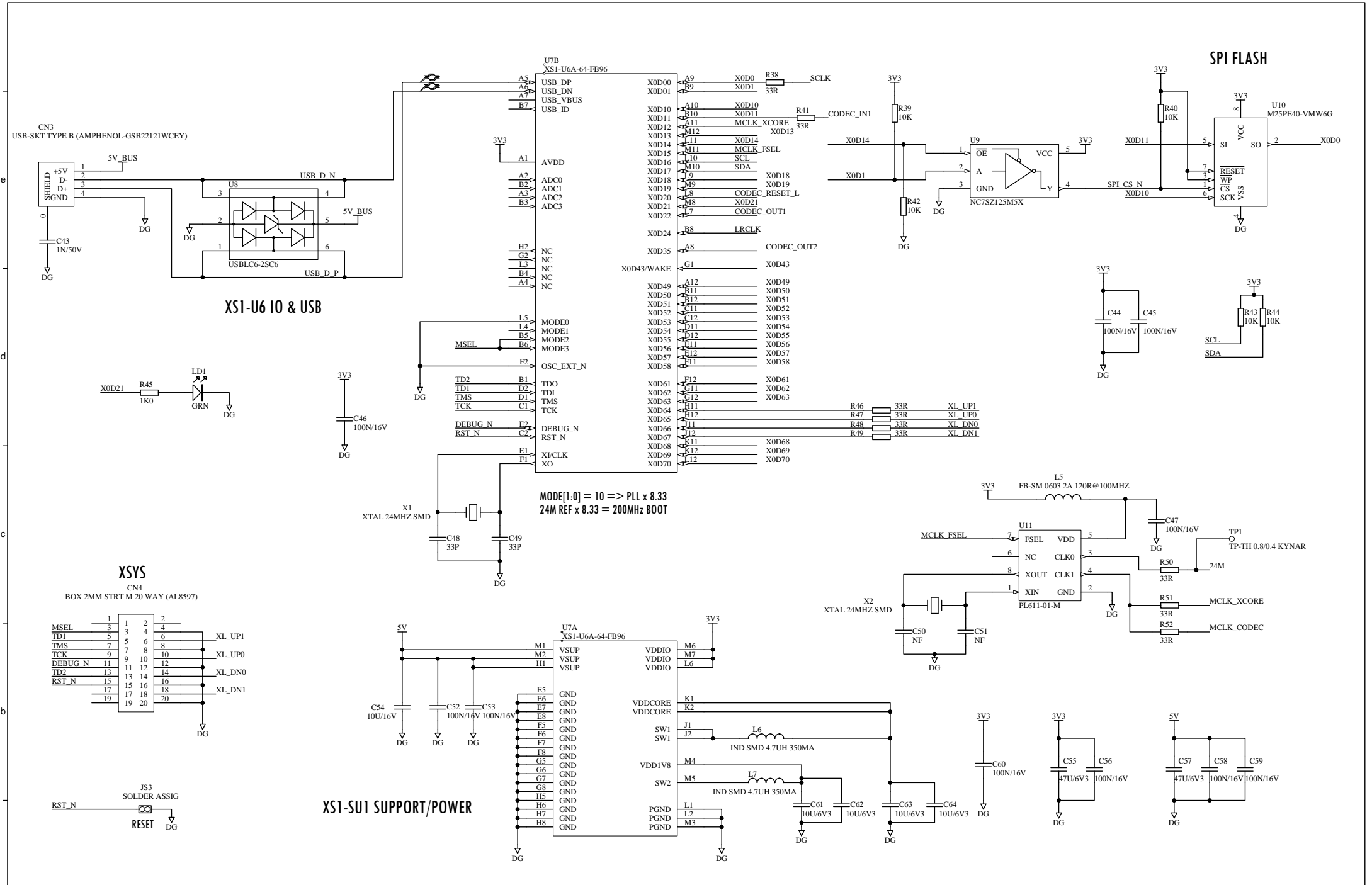
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ASSEMBLY
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TITLE: ZED 6
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* All parts to be RoHS Compliant *

DRG No: C10077 ISSUE: 1 SHEET: 1 OF 4



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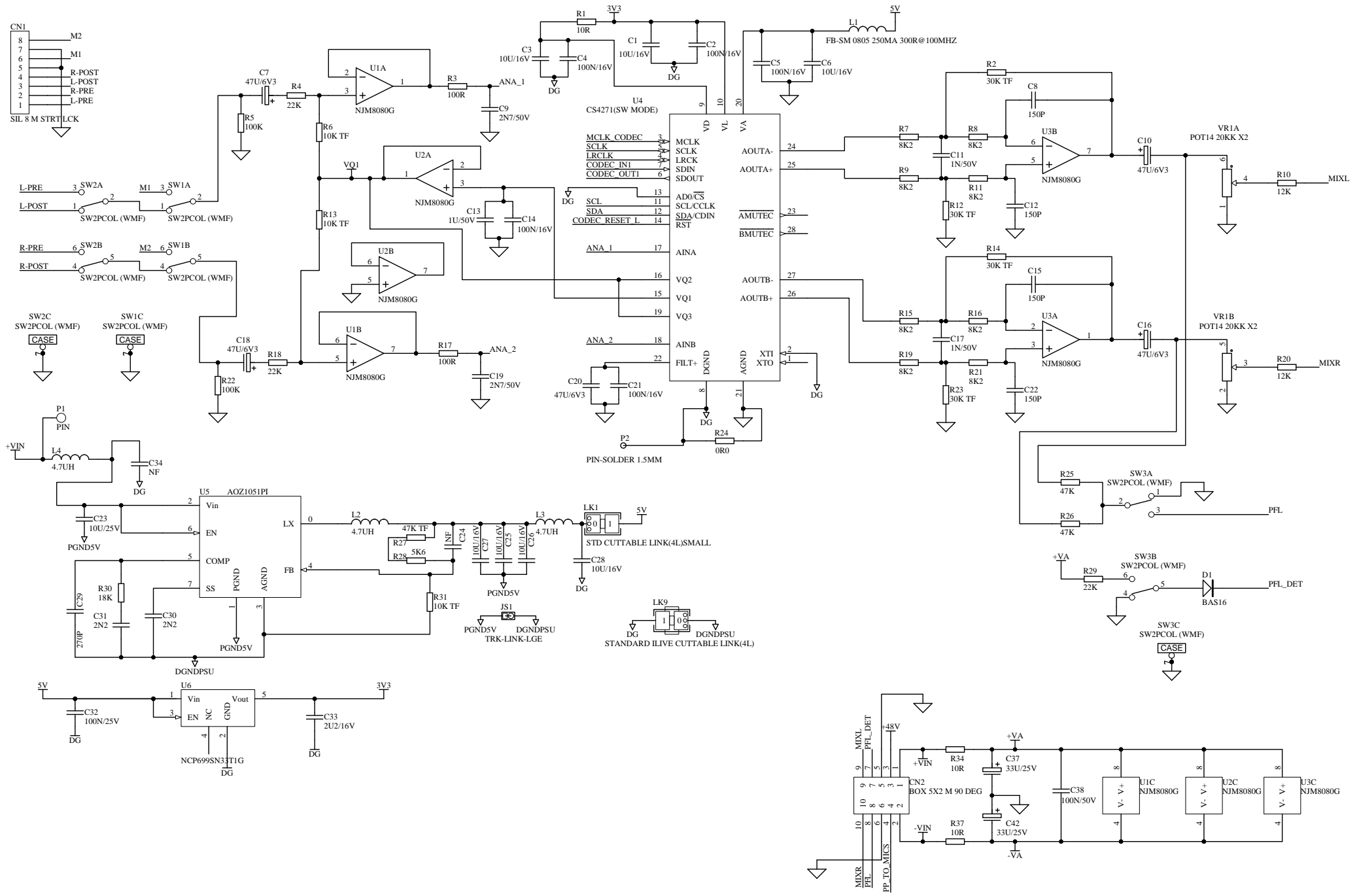
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1	MG	21_05_15		

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TITLE: ZED 6
INTERFACE

PAGE:

DRG No: C10077 ISSUE: 1 SHEET: 4 OF 4

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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 SMD0402 100N 16V (AF6674)	C2
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C3
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C4
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C5
CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)	C6
CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	C7
CAPACITOR CERAMIC SMD0805 150P (AF3533)	C8
CAPACITOR COG SMD0805 2N7 50V (AF5820)	C9
CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	C10
CAPACITOR COG SMD0805 1N0 50V (CC0805JRNPO9BN102)(AF7750)	C11
CAPACITOR CERAMIC SMD0805 150P (AF3533)	C12
CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)	C13
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C14
CAPACITOR CERAMIC SMD0805 150P (AF3533)	C15
CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	C16
CAPACITOR COG SMD0805 1N0 50V (CC0805JRNPO9BN102)(AF7750)	C17
CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	C18
CAPACITOR COG SMD0805 2N7 50V (AF5820)	C19
CAPACITOR CERAMIC SMD0805 47UF X5R 6V3 20%	C20
CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	C21
CAPACITOR CERAMIC SMD0805 150P (AF3533)	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 SMD1210 NOT FITTED	C34
CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	C37
CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	C38
CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	C42
CAPACITOR COG SMD0805 1N0 50V (CC0805JRNPO9BN102)(AF7750)	C43
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 SMD0402 NOT FITTED	C50
CAPACITOR CERAMIC SMD0402 NOT FITTED	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
SIL 8 M STRT LCK	CN1
Connector BOX,Molex Type 0.1" Pitch 5x2 pins Male 90 Deg (AL4334)	CN2
USB_SKT TYPE B FEMALE AMPHENOL-GSB22121WCEY (AL8357)	CN3
BOX 2MM STRT MALE 20 WAY (AL8597)	CN4
DIODE SMD BAS16 SIGNAL (AE9211)	D1
SMD FIDUCIAL	FID1
SMD FIDUCIAL	FID2
SMD FIDUCIAL	FIDB1
SMD FIDUCIAL	FIDB2
FERRITE BEAD SMD0805 250mA 300R @ 100MHz TYCO (AM6909)	L1
INDUCTOR SMD 4.7UH 1A	L2
INDUCTOR SMD 4.7UH 1A	L3
INDUCTOR SMD 4.7UH 1A	L4
INDUCTOR SMD 2A 120R@100MHz MURATA BLM18PG121SN1D (AM7664)	L5
INDUCTOR SMD 4.7UH 350mA (AM3578)	L6
INDUCTOR SMD 4.7UH 350mA (AM3578)	L7
LED T1 3mm GREEN (AE0085)	LD1
=PRJ_Title + _ + PRJ_PCB_Title	PCB1
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 SMD0603 100K 1% (AC8876)	R5
RES SMD TF 10K 0.5% 0805 MET (H1Y84XR) (AC6018)	R6
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R7
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R8
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R9
RESISTOR METAL SMD0805 12K 1% (AC5012)	R10
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R11
RES SMD TF 30K 0.5% 0805 MET (H1Y85LR) (AC6022)	R12
RES SMD TF 10K 0.5% 0805 MET (H1Y84XR) (AC6018)	R13
RES SMD TF 30K 0.5% 0805 MET (H1Y85LR) (AC6022)	R14
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R15
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R16
RESISTOR METAL FILM SMD0805 100R 1% (AC3054)	R17
RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	R18
RESISTOR METAL SMD0805 8K2 1% (AC5017)	R19
RESISTOR METAL SMD0805 12K 1% (AC5012)	R20

RESISTOR METAL SMD0805 8K2 1% (AC5017)	R21
RESISTOR SMD0603 100K 1% (AC8876)	R22
RES SMD TF 30K 0.5% 0805 MET (H1Y85LR) (AC6022)	R23
RESISTOR CARBON SMD0805 0R0 5% (AC2838)	R24
RESISTOR CARBON SMD0805 47K 5% (AC3035)	R25
RESISTOR CARBON SMD0805 47K 5% (AC3035)	R26
RES SMD TF 47K 0.5% 0805 MET (H1Y85RL) (AC6024)	R27
RESISTOR CARBON SMD0805 5K6 5% (AC4106)	R28
RESISTOR CARBON SMD0805 22K 5% (AC3540)	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)	R34
RESISTOR CARBON SMD0805 10R 5% (AC3027)	R37
RESISTOR CARBON SMD0402 33R 1% (AC7353)	R38
RESISTOR CARBON SMD0402 10K 1% (AC7359)	R39
RESISTOR CARBON SMD0402 10K 1% (AC7359)	R40
RESISTOR CARBON SMD0402 33R 1% (AC7353)	R41
RESISTOR CARBON SMD0402 10K 1% (AC7359)	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 33R 1% (AC7353)	R50
RESISTOR CARBON SMD0402 33R 1% (AC7353)	R51
RESISTOR CARBON SMD0402 33R 1% (AC7353)	R52
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 BUFF NC7SZ125M5X UHS TRI-STATE SOT23-5(FAIRCHILD)(AE9612)	U9
IC SMD M25PE40-VMW6G SERIAL FLASH 4M 75 MHz (AE8648)	U10
IC SMD CLOCK GEN PL611-01 MSOP-8(MICREL)(AE9615)	U11
POT ALPS 14mm 20K x2 203K (AI8007)	VR1
SMD CRYSTAL 24 MHz (AE7150)	X1
SMD CRYSTAL 24 MHz (AE7150)	X2