

GROUP 1-3
AG7634_3
ALLEN & HEATH
UL 94V-0

TOP BOT WPR

2 10 2 10
1 9 1 9

10 FEMALE 2

10 FEMALE 1

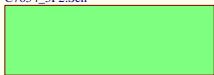
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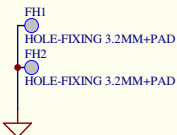
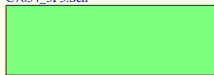
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C7634_3P1.Sch



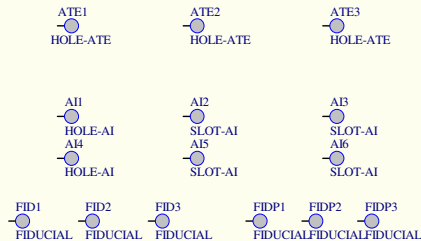
C7634P2
C7634_3P2.Sch



C7634P3
C7634_3P3.Sch



- BO5
- PCB BREAKOUT S
- BO6
- PCB BREAKOUT S
- BO7
- PCB BREAKOUT S
- BO8
- PCB BREAKOUT S
- BO9
- PCB BREAKOUT S
- BO10
- PCB BREAKOUT S
- BO11
- PCB BREAKOUT S
- BO12
- PCB BREAKOUT S



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ISSUE	BY	DATE	CHK BY
A	MG	27/07/09	MG
B	AAT	02-09-09	
1	MG	10/06/10	
2	AAT	18/10/10	
3	AAT	17/05/11	

FILE: C7634_3.Sch

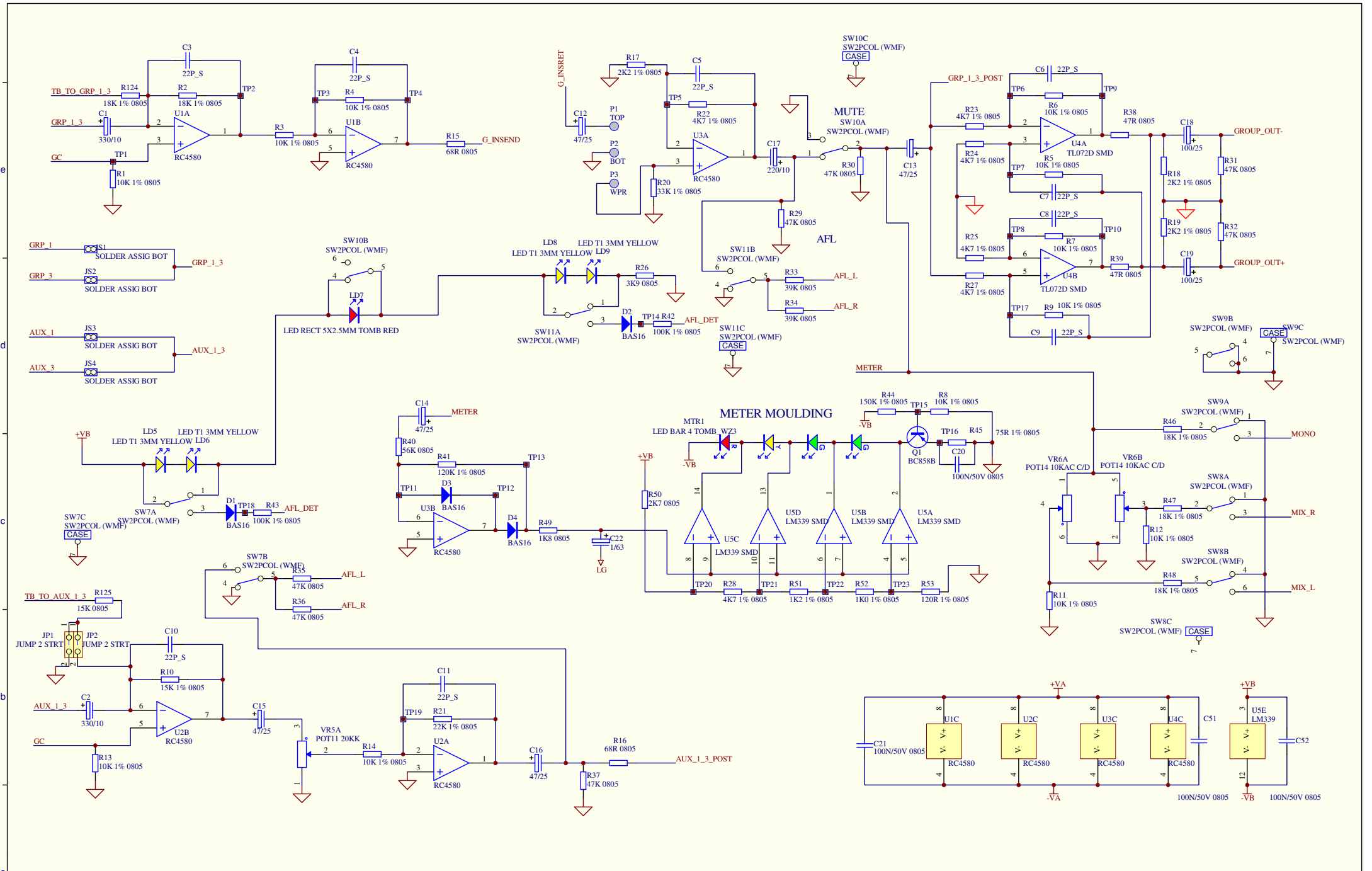
* All parts to be RoHS Compliant ³⁾

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TITLE: GS-R24 GROUP 1-3/VALVE

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DRG No: C7634 ISSUE: 3 SHEET: 0 OF 3



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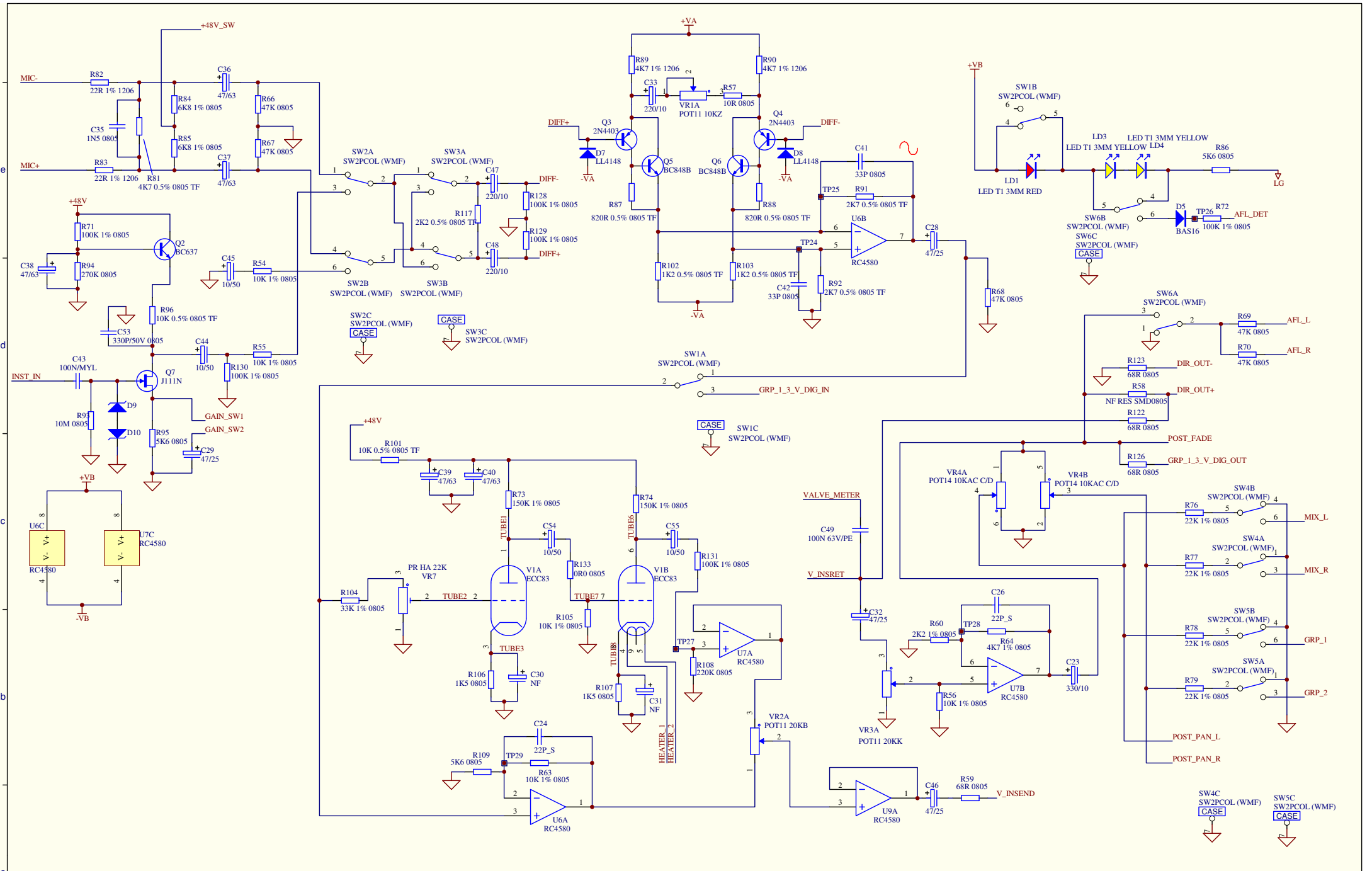
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A	MG	27/07/09	MG
B	AAT	02-09-09	XXX
1	MG	10/06/10	XXX
2	AAT	18/10/10	XXX
3	AAT	17/05/11	

FILE:	VR5B	VR6C
C7634_3P1.Sch	POT11 20KK BRK12	POT14 10KAC C/D BRK12

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TITLE: **GS-R24 GROUP 1-3/VALVE**
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 DRG No: **C7634** ISSUE: **3** SHEET: **1 OF 3**

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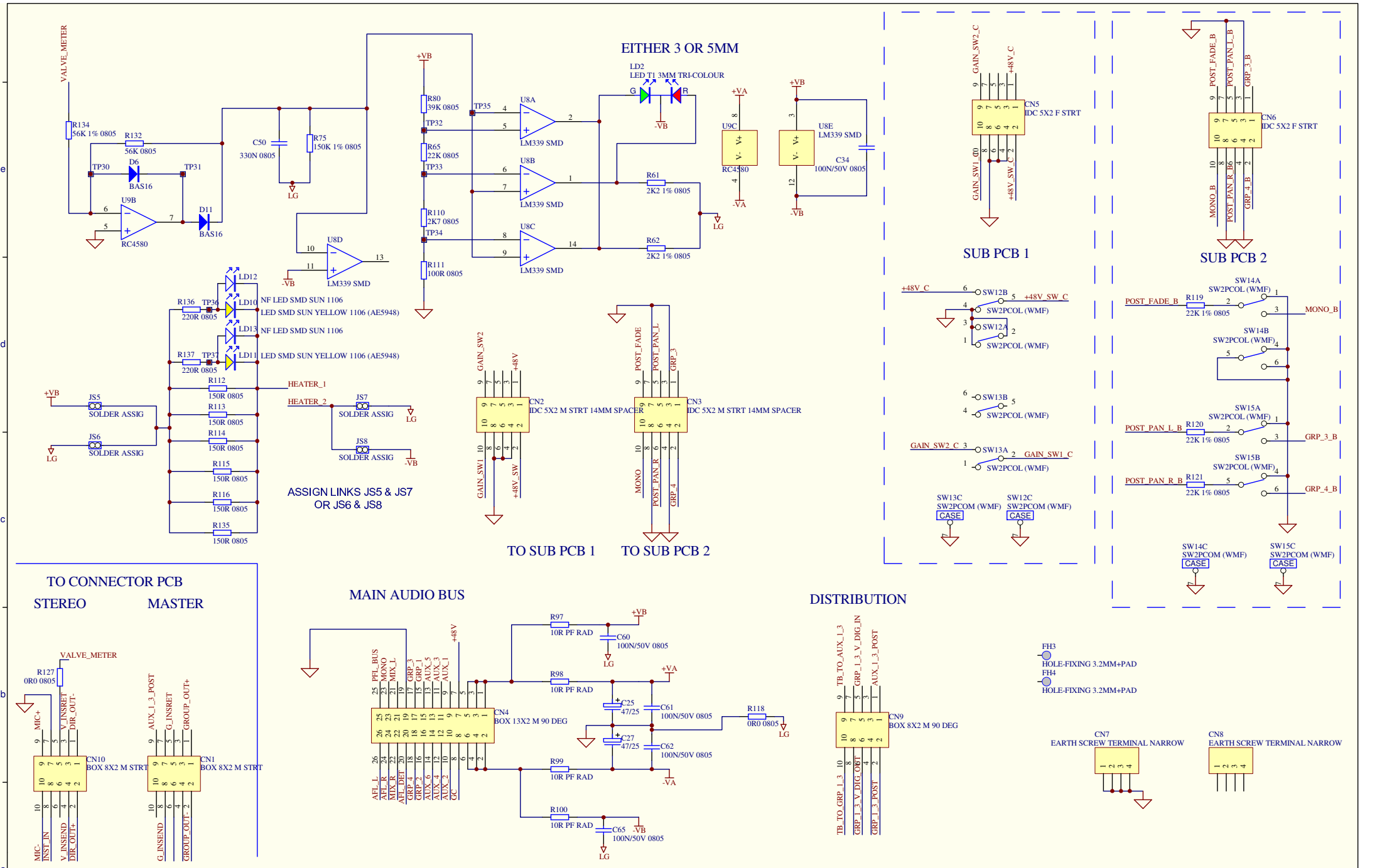
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VR1B POT11 10KZ BRKLE	VR2B POT11 20KB BRKLE	VR3B POT11 20KK BRKLE	V2 VALVE TIP SUPPORT
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FILE: C7634_3P3.Sch

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Description	Designator
CAPACITOR ELECTROLYTIC 330uF 10V (AF2288)	C1, C2
CAPACITOR CERAMIC SMD0805 22P (AF2992)	C3, C4, C5, C6, C7, C8, C9, C10, C11
CAPACITOR ELECTROLYTIC 47uF 25V (AF0208)	C12, C13, C14, C15, C16
CAPACITOR ELECTROLYTIC 220uF 10V (AF0225)	C17
CAPACITOR ELECTROLYTIC 100uF 25V (AF0221)	C18, C19
CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	C20, C21, C51, C52
CAPACITOR ELECTROLYTIC 1uF 63V (AF0210)	C22
DIODE SIGNAL SMD BAS16 (AE3352)	D1, D2, D3, D4
JUMP 2 OPTION LINK (AL8068)	JP1, JP2
SOLDER BRIDGE ASSIGNMENT	JS1, JS2, JS3, JS4
LED T1 3mm YELLOW (AE0084)	LD5, LD6, LD8, LD9
LED RECT 5x2.5MM TOMBSTONE RED (AE4863)	LD7
LED BAR 4 TOMB LEDS IN HOUSING 2G 1Y 1R (AE5475)	MTR1
SOLDER PIN	P1
SOLDER PIN	P2
SOLDER PIN	P3
TRANSISTOR PNP BC858B (AE3042)	Q1
RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	R1, R3, R4, R5, R6, R7, R8, R9, R11, R12, R13, R14
RESISTOR METAL FILM SMD0805 18K 1% (AC0377)	R2, R46, R47, R48, R124
RES SMD 15K 1% 0805 METAL FILM AC5050	R10
RESISTOR CARBON SMD0805 68R 5% (AC4101)	R15, R16
RESISTOR METAL FILM SMD0805 2K2 1% (AC0370)	R17, R18, R19
RESISTOR METAL FILM SMD0805 33K 1% (AC3532)	R20
RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	R21
RESISTOR METAL FILM SMD0805 4K7 1% (AC3062)	R22, R23, R24, R25, R27, R28
RESISTOR CARBON SMD0805 3K9 5% (AC4105)	R26
RESISTOR CARBON SMD0805 47K 5% (AC3035)	R29, R30, R31, R32, R35, R36, R37
RESISTOR CARBON SMD0805 39K 5% (AC3033)	R33, R34
RESISTOR CARBON SMD0805 47R 5% (AC3036)	R38, R39
RESISTOR CARBON SMD0805 56K 5% (AC4545)	R40
RESISTOR METAL FILM SMD0805 120K 1% (AC5109)	R41
RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	R42, R43
RESISTOR METAL FILM SMD0805 150K 1% (AC5414)	R44
RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	R45
RESISTOR CARBON SMD0805 1K8 5% (AC3029)	R49
RESISTOR CARBON SMD0805 2K7 5% (AC4698)	R50
RESISTOR METAL FILM SMD0805 1K2 1% (AC3059)	R51
RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	R52
RESISTOR METAL FILM SMD0805 120R 1% (AC3055)	R53
RESISTOR CARBON SMD0805 15K 5% (AC3486)	R125
SWITCH DPDT WMF LATCHING (AL6824)	SW7, SW11
SWITCH DPDT WMF LATCHING (AL6824)	SW8, SW9, SW10
TP THROUGH HOLE FOR SPEA 1.0mm TOP 1.5MM BOT 0.6 HOLE	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23
IC SMD DUAL OP-AMP RC4580 (AE6851)	U1, U2, U3, U4
IC SMD DUAL OP-AMP TL072 (AE3335)	U4
IC LM339 COMPARATOR SMD (AE4890)	U5

POT ALPS 11mm 20KK 203K (AI8003)	VR5
POT ALPS 14mm 10KAC x2 C/D 103AC (AI8008)	VR6