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ISSUE	REV	DATE	BY
1		03/08/11	



FILE: P:\Servo\Backup of CD4051_0P1.Dwg

All parts to be BuRIS Compliant

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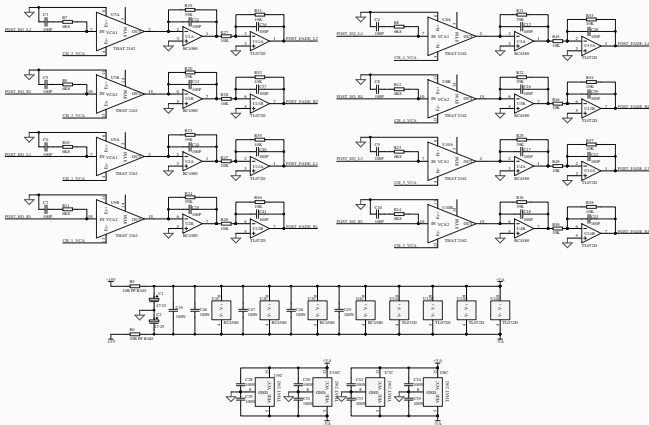
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TITLE: XONE 42 SLAVE

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REV	BY	DATE	APP
1	AK	2010-11	

FILE: P:\Product Design of Circuit_APS_046

All parts to be BULBS Compliant

TITLE: XONE 42 SLAVE

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Designator	Description
AI1	AI HOLE 3.1 mm
AI2	AI HOLE 3.1 mm
C20	CAPACITOR CERAMIC SMD0805 330N (AF5070)
C21	CAPACITOR CERAMIC SMD0805 330N (AF5070)
C22	CAPACITOR CERAMIC SMD0805 330N (AF5070)
C23	CAPACITOR CERAMIC SMD0805 330N (AF5070)
C24	CAPACITOR ELECTROLYTIC 10uF 50V (AF0214)
C25	CAPACITOR ELECTROLYTIC 10uF 50V (AF0214)
C26	CAPACITOR ELECTROLYTIC 10uF 50V (AF0214)
C27	CAPACITOR ELECTROLYTIC 10uF 50V (AF0214)
C44	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
C45	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
CN1	Connector IDC,Molex Type 0.1" Pitch 10x2 pins (AL4042)
CN2	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight Keyed (AL4740)
CN3	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight Keyed (AL4740)
CN4	Connector IDC,Molex Type 0.1" Pitch 10x2 pins (AL4042)
CN5	Connector Harness Transition 5x2
CN6	Connector IDC,Molex Type 0.1" Pitch 10x2 pins (AL4042)
CN7	Connector IDC,Molex Type 0.1" Pitch 10x2 pins (AL4042)
CN8	Connector IDC,Molex Type 0.1" Pitch SIL 4 pins (AL3813)
CN9	Connector IDC,Molex Type 0.1" Pitch SIL 4 pins (AL3813)
CN10	Connector IDC,Molex Type 0.1" Pitch SIL 4 pins (AL3813)
CN11	Connector IDC,Molex Type 0.1" Pitch SIL 4 pins (AL3813)
FH1	FIXING HOLE 3.2mm WITH PAD
FH2	FIXING HOLE 3.2mm WITH PAD
FH3	FIXING HOLE 3.2mm WITH PAD
FH4	FIXING HOLE 3.2mm WITH PAD
FH5	FIXING HOLE 3.2mm WITH PAD
FH6	FIXING HOLE 3.2mm WITH PAD
FID1	SMD FIDUCIAL
FID2	SMD FIDUCIAL
R1	RESISTOR CARBON SMD0805 0R0 5% (AC2838)
R2	RESISTOR SMD NOT FITTED 0805
R3	RESISTOR CARBON SMD0805 0R0 5% (AC2838)
R4	RESISTOR CARBON SMD0805 0R0 5% (AC2838)
R15	RESISTOR CARBON SMD0805 470R 5% (AC3034)
R16	RESISTOR CARBON SMD0805 470R 5% (AC3034)
R17	RESISTOR CARBON SMD0805 470R 5% (AC3034)
R18	RESISTOR CARBON SMD0805 470R 5% (AC3034)
R29	RESISTOR CARBON SMD0805 470R 5% (AC3034)
R30	RESISTOR CARBON SMD0805 470R 5% (AC3034)
R31	RESISTOR CARBON SMD0805 470R 5% (AC3034)
R32	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R33	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R34	RESISTOR CARBON SMD0805 470R 5% (AC3034)
R35	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R36	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R37	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)

R38	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R39	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R40	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R41	RESISTOR CARBON SMD0805 3K9 5% (AC4105)
R42	RESISTOR CARBON SMD0805 3K9 5% (AC4105)
R43	RESISTOR CARBON SMD0805 3K9 5% (AC4105)
R44	RESISTOR CARBON SMD0805 3K9 5% (AC4105)
U5	IC SMD DUAL OP-AMP RC4580 (AE6851)
U6	IC SMD DUAL OP-AMP RC4580 (AE6851)

Designator	Description
C1	CAPACITOR ELECTROLYTIC 47uF 25V (AF0208)
C2	CAPACITOR ELECTROLYTIC 47uF 25V (AF0208)
C3	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C4	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C5	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C6	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C7	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C8	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C9	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C10	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C11	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C12	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C13	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C14	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C15	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C16	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C17	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C18	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C19	CAPACITOR CERAMIC SMD0805 100N (AF2851)
C28	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
C29	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
C30	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
C31	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
C32	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
C33	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
C34	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
C35	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
C36	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C37	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C38	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C39	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C40	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C41	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C42	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C43	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C46	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
C47	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
C48	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
C49	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)
R5	RESISTOR CARBON 10R PRE FORMED RADIAL 1/4W 5% (AC5077)
R6	RESISTOR CARBON 10R PRE FORMED RADIAL 1/4W 5% (AC5077)
R7	RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)
R8	RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)
R9	RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)
R10	RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)
R11	RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)
R12	RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)
R13	RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)
R14	RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)

R19	RESISTOR CARBON SMD0805 39K 5% (AC3033)
R20	RESISTOR CARBON SMD0805 39K 5% (AC3033)
R21	RESISTOR CARBON SMD0805 39K 5% (AC3033)
R22	RESISTOR CARBON SMD0805 39K 5% (AC3033)
R23	RESISTOR CARBON SMD0805 39K 5% (AC3033)
R24	RESISTOR CARBON SMD0805 39K 5% (AC3033)
R25	RESISTOR CARBON SMD0805 39K 5% (AC3033)
R26	RESISTOR CARBON SMD0805 39K 5% (AC3033)
R27	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R28	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R45	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R46	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R47	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R48	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R49	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R50	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R51	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R52	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R53	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R54	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R55	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R56	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R57	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R58	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
U1	IC SMD DUAL OP-AMP RC4580 (AE6851)
U2	IC SMD DUAL OP-AMP RC4580 (AE6851)
U3	IC SMD DUAL OP-AMP RC4580 (AE6851)
U4	IC SMD DUAL OP-AMP RC4580 (AE6851)
U7	IC THAT 2162 DUAL VCA (AE8624)
U8	IC THAT 2162 DUAL VCA (AE8624)
U9	IC THAT 2162 DUAL VCA (AE8624)
U10	IC THAT 2162 DUAL VCA (AE8624)
U11	IC SMD DUAL OP-AMP TL072 (AE3335)
U12	IC SMD DUAL OP-AMP TL072 (AE3335)
U13	IC SMD DUAL OP-AMP TL072 (AE3335)
U14	IC SMD DUAL OP-AMP TL072 (AE3335)