

ALLEN&HEATH
 SERVICE & REPAIR DEPARTMENT
 ENGINEERING DEPARTMENT
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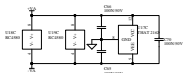
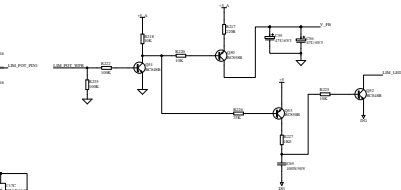
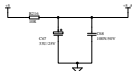
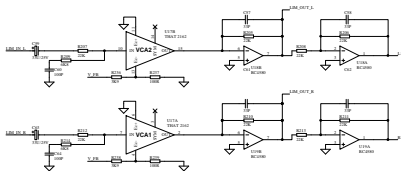
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2	1988	250401.13		
3	1988	250401.13		

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 FILE: C:\CIRCUIT\XB-10.DWG

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* All parts to be RoHS Compliant *

TITLE: XB-10
 DISTRIBUTION
 PAGE:
 ORG No: CB211 ISSUE: 3 SHEET: 4 OF 6



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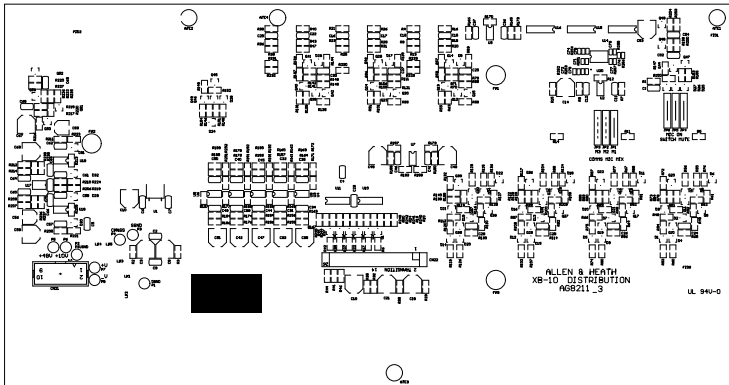
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2	15/01/11	MM	MM	REVISION
3	20/03/12	MM	MM	REVISION

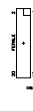
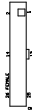
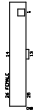
See all Physical Design Parameters Tab.
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VCS Revision: None version control
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TITLE: XB-10
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 PAGE:
 ORG No: CB211 ISSUE: 3 SHEET: 6 OF 6





Designator	Description	A&H PART
	XB10_004-325_AG8211_3 DISTRIBUTION_	
C1	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C2	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C3	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C4	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C5	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C6	CAPACITOR CERAMIC SMD0805 220N 50V (AF4701)	AF4701
C7	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C8	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C9	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C10	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C11	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C12	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C13	CAPACITOR CERAMIC SMD0805 220N 50V (AF4701)	AF4701
C14	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C15	CAPACITOR CERAMIC SMD0805 220N 50V (AF4701)	AF4701
C16	CAPACITOR CERAMIC SMD0805 220N 50V (AF4701)	AF4701
C17	CAPACITOR CERAMIC SMD0805 220N 50V (AF4701)	AF4701
C18	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C19	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C20	CAPACITOR CERAMIC SMD0805 220N 50V (AF4701)	AF4701
C21	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C22	CAPACITOR CERAMIC SMD0805 220N 50V (AF4701)	AF4701
C23	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C24	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C25	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C26	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C27	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C28	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C29	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C30	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C31	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C32	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C33	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C34	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C35	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C36	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C37	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C38	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C39	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C40	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C41	CAPACITOR CERAMIC SMD0805 NOT FITTED	NO PART
C42	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C43	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C44	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C45	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C46	CAPACITOR CERAMIC SMD0805 NOT FITTED	NO PART
C47	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C48	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979

C49	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C50	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C51	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C52	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C53	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C54	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C55	CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	AF5886
C56	CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)	AF5886
C57	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C58	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C59	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C60	CAPACITOR CERAMIC SMD0805 100P (AF2847)	AF2847
C61	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C62	CAPACITOR CERAMIC SMD0805 33P (AF4887)	AF4887
C63	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C64	CAPACITOR CERAMIC SMD0805 100P (AF2847)	AF2847
C65	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C66	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C67	CAPACITOR ELECTROLYTIC SMD 33uF 25V (AF3979)	AF3979
C68	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C69	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C70	CAPACITOR CERAMIC SMD0805 100N 50V (AF2851)	AF2851
C71	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C72	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C73	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C74	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C75	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C76	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C77	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C78	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
CN1	Connector IDC,Molex Type 0.1" Pitch 5x2 pins Female Strt (AL4306)	AL4306
CN2	Connector IDC,Molex Type 0.1" Pitch 5x2 pins Female Strt (AL4306)	AL4306
CN3	Connector IDC,Molex Type 0.1" Pitch 5x2 pins Female Strt (AL4306)	AL4306
CN4	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight (AL3868)	AL3868
CN5	Connector IDC,Molex Type 0.1" Pitch 10x2 pins (AL4042)	AL4042
CN6	Connector IDC,Molex Type 0.1" Pitch 10x2 pins (AL4042)	AL4042
CN7	Connector IDC,Molex Type 0.1" Pitch 10x2 pins (AL4042)	AL4042
CN8	Connector IDC,Molex Type 0.1" Pitch 13x2 pins (AL5045)	AL5045
CN9	Connector IDC,Molex Type 0.1" Pitch 13x2 pins (AL5045)	AL5045
CN10	Connector IDC,Molex Type 0.1" Pitch 10x2 pins (AL4042)	AL4042
CN11	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight (AL3868)	AL3868
CN12	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight (AL3868)	AL3868
CN13	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight (AL3868)	AL3868
CN14	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight (AL3868)	AL3868
CN15	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight (AL3868)	AL3868
CN16	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight (AL3868)	AL3868
CN17	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight (AL3868)	AL3868
CN18	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight (AL3868)	AL3868
CN19	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight (AL3868)	AL3868
CN20	Connector IDC,Molex Type 0.1" Pitch 8x2 pins Female Straight (AL3868)	AL3868

CN21	Not Fitted Connector BOX,Molex Type 0.1" Pitch 5x2 pins	NO PART
CN22	Connector Harness Transition 13x2	TRANS HARNESS ASSY
D1	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D2	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D3	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D4	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D5	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D6	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D7	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D8	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D9	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D10	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D11	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D12	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D13	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D14	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D15	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D16	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D17	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D18	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D19	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D20	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D21	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D22	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D23	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D24	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D25	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D26	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D27	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D28	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D29	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D30	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D31	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
D32	DIODE SMD BAS16 SIGNAL (AE3352)	AE3352
JP1	LINK ASSIGNMENT TC WIRE ,AH0070	AH0070
JP2	LINK ASSIGNMENT NOT FITTED	NO PART
JP3	LINK ASSIGNMENT NOT FITTED	NO PART
JP4	LINK ASSIGNMENT TC WIRE ,AH0070	AH0070
JP5	LINK ASSIGNMENT TC WIRE ,AH0070	AH0070
JP6	LINK ASSIGNMENT TC WIRE ,AH0070	AH0070
PCB1	=PRJ_Title+ _+PRJ_PCB_Title	AG8211
Q1	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q2	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q3	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q4	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q5	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q6	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q7	TRANSISTOR SMD BC858B PNP (AE3042)	AE3042
Q8	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q9	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332

Q10	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q11	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q12	TRANSISTOR SMD BC858B PNP (AE3042)	AE3042
Q13	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q14	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q15	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q16	TRANSISTOR SMD BC858B PNP (AE3042)	AE3042
Q17	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q18	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q19	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q20	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q21	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q22	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q23	TRANSISTOR SMD BC858B PNP (AE3042)	AE3042
Q24	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q25	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q26	TRANSISTOR SMD BC858B PNP (AE3042)	AE3042
Q27	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q28	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q29	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q30	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q31	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q32	TRANSISTOR SMD BC858B PNP (AE3042)	AE3042
Q33	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q34	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q35	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q36	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q37	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q38	TRANSISTOR SMD BC858B PNP (AE3042)	AE3042
Q39	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q40	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q41	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q42	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q43	TRANSISTOR SMD BC858B PNP (AE3042)	AE3042
Q44	TRANSISTOR SMD BC858B PNP (AE3042)	AE3042
Q45	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q46	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q47	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q48	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q49	TRANSISTOR SMD BC858B PNP (AE3042)	AE3042
Q50	TRANSISTOR SMD BC858B PNP (AE3042)	AE3042
Q51	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q52	TRANSISTOR SMD BC848B NPN (AE3332)	AE3332
Q53	TRANSISTOR SMD BC858B PNP (AE3042)	AE3042
R1	RESISTOR CARBON SMD0805 47R 5% (AC3036)	AC3036
R2	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R3	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R4	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R5	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R6	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027

R7	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R8	RESISTOR METAL FILM SMD0805 470K 2% (AC2844)	AC2844
R9	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R10	RESISTOR METAL FILM SMD0805 4K7 1% (AC3062)	AC3062
R11	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R12	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R13	RESISTOR CARBON SMD0805 220K 5% (AC4108)	AC4108
R14	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R15	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R16	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R17	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R18	RESISTOR METAL FILM SMD0805 470K 2% (AC2844)	AC2844
R19	RESISTOR METAL FILM SMD0805 4K7 1% (AC3062)	AC3062
R20	RESISTOR CARBON SMD0805 220K 5% (AC4108)	AC4108
R21	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R22	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R23	RESISTOR METAL FILM SMD0805 470K 2% (AC2844)	AC2844
R24	RESISTOR METAL FILM SMD0805 4K7 1% (AC3062)	AC3062
R25	RESISTOR CARBON SMD0805 220K 5% (AC4108)	AC4108
R26	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R27	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R28	RESISTOR METAL FILM SMD0805 470K 2% (AC2844)	AC2844
R29	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R30	RESISTOR METAL FILM SMD0805 4K7 1% (AC3062)	AC3062
R31	RESISTOR CARBON SMD0805 220K 5% (AC4108)	AC4108
R32	RESISTOR CARBON SMD0805 0R0 5% (AC2838)	AC2838
R33	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R34	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R35	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R36	RESISTOR METAL FILM SMD0805 470K 2% (AC2844)	AC2844
R37	RESISTOR METAL FILM SMD0805 4K7 1% (AC3062)	AC3062
R38	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R39	RESISTOR CARBON SMD0805 220K 5% (AC4108)	AC4108
R40	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R41	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	AC5416
R42	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R43	RESISTOR METAL FILM SMD0805 470K 2% (AC2844)	AC2844
R44	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	AC5416
R45	RESISTOR METAL FILM SMD0805 4K7 1% (AC3062)	AC3062
R46	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	AC5416
R47	RESISTOR CARBON SMD0805 220K 5% (AC4108)	AC4108
R48	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R49	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R50	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R51	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R52	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R53	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R54	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R55	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R56	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842

R57	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R58	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R59	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R60	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R61	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R62	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R63	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R64	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R65	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R66	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R67	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R68	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R69	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R70	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R71	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R72	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R73	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R74	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R75	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R76	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R77	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R78	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R79	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R80	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R81	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R82	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R83	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R84	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R85	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R86	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R87	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R88	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R89	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R90	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R91	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R92	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R93	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R94	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R95	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R96	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R97	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R98	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R99	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R100	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R101	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R102	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R103	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R104	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R105	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R106	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843

R107	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R108	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R109	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R110	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R111	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R112	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R113	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R114	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R115	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R116	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R117	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R118	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R119	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R120	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R121	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R122	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R123	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R124	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R125	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R126	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R127	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R128	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R129	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R130	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R131	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R132	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R133	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R134	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R135	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R136	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R137	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R138	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R139	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R140	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R141	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R142	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R143	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R144	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R145	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R146	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R147	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R148	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R149	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R150	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R151	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R152	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R153	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R154	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R155	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R156	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841

R157	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R158	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R159	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R160	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	AC5416
R161	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R162	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R163	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R164	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R165	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R166	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R167	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R168	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R169	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	AC5416
R170	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R171	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R172	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R173	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R174	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R175	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R176	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R177	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R178	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	AC5416
R179	RESISTOR SMD NOT FITTED 0805	NO PART
R180	RESISTOR CARBON SMD0805 0R0 5% (AC2838)	AC2838
R181	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R182	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R183	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R184	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R185	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R186	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R187	RESISTOR SMD NOT FITTED 0805	NO PART
R188	RESISTOR CARBON SMD0805 0R0 5% (AC2838)	AC2838
R189	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R190	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	AC5416
R191	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R192	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R193	RESISTOR CARBON SMD0805 47K 5% (AC3035)	AC3035
R194	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R195	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R196	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R197	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R198	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R199	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	AC5416
R200	RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)	AC3064
R201	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R202	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R203	RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)	AC3064
R204	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R205	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R206	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842

R207	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R208	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R209	RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)	AC3064
R210	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R211	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R212	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R213	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R214	RESISTOR METAL FILM SMD0805 6K8 1% (AC3064)	AC3064
R216	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R217	RESISTOR CARBON SMD0805 220R 5% (AC0368)	AC0368
R218	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R219	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R220	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R221	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R222	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R223	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R224	RESISTOR METAL FILM SMD0805 22K 1% (AC2842)	AC2842
R225	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R226	RESISTOR METAL FILM SMD0805 33K 1% (AC3532)	AC3532
R227	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R228	RESISTOR CARBON SMD0805 68R 5% (AC4101)	AC4101
R229	RESISTOR CARBON SMD0805 68R 5% (AC4101)	AC4101
R230	RESISTOR CARBON SMD0805 68R 5% (AC4101)	AC4101
R231	RESISTOR CARBON SMD0805 68R 5% (AC4101)	AC4101
R232	RESISTOR CARBON SMD0805 68R 5% (AC4101)	AC4101
R235	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)	AC2843
R236	RESISTOR CARBON SMD0805 3K9 5% (AC4105)	AC4105
R237	RESISTOR METAL FILM SMD0805 100R 1% (AC3054)	AC3054
R238	RESISTOR CARBON SMD0805 3K9 5% (AC4105)	AC4105
R239	RESISTOR METAL FILM SMD0805 100R 1% (AC3054)	AC3054
R240	RESISTOR METAL FILM SMD0805 1M0 1% (AC2904)	AC2904
R241	RESISTOR METAL FILM SMD0805 1M0 1% (AC2904)	AC2904
R242	RESISTOR METAL FILM SMD0805 1M0 1% (AC2904)	AC2904
R243	RESISTOR METAL FILM SMD0805 1M0 1% (AC2904)	AC2904
R244	RESISTOR METAL FILM SMD0805 1M0 1% (AC2904)	AC2904
R245	RESISTOR METAL FILM SMD0805 1M0 1% (AC2904)	AC2904
R251	RESISTOR METAL SMD0402 47K 0.5% (AC8482)	AC8482
R252	RESISTOR METAL SMD0402 47K 0.5% (AC8482)	AC8482
R253	RESISTOR METAL SMD0402 47K 0.5% (AC8482)	AC8482
R254	RESISTOR METAL SMD0402 47K 0.5% (AC8482)	AC8482
R255	RESISTOR METAL SMD0402 47K 0.5% (AC8482)	AC8482
R256	RESISTOR METAL SMD0402 47K 0.5% (AC8482)	AC8482
R257	RESISTOR METAL SMD0402 47K 0.5% (AC8482)	AC8482
U1	REG SMD L78M05CDT 5V REGULATOR (AE6509)	AE6509
U2	IC SMD RC4580 DUAL OP-AMP (AE8921)	AE8921
U3	IC SMD RC4580 DUAL OP-AMP (AE8921)	AE8921
U4	IC SMD RC4580 DUAL OP-AMP (AE8921)	AE8921
U5	IC SMD RC4580 DUAL OP-AMP (AE8921)	AE8921
U6	IC SMD RC4580 DUAL OP-AMP (AE8921)	AE8921
U7	IC SMD RC4580 DUAL OP-AMP (AE8921)	AE8921

U8	IC SMD RC4580 DUAL OP-AMP (AE8921)	AE8921
U9	IC SMD RC4580 DUAL OP-AMP (AE8921)	AE8921
U10	IC SMD 74HC04 Hex Inverters (AE0337)	AE0337
U11	IC SMD 74HC04 Hex Inverters (AE0337)	AE0337
U14	IC SMD 74HC4053 (AE3355)	AE3355
U15	IC SMD 74HC4053 (AE3355)	AE3355
U16	IC SMD 74HC4053 (AE3355)	AE3355
U17	IC SMD THAT 2162 DUAL VCA (AE8624)	AE8624
U18	IC SMD RC4580 DUAL OP-AMP (AE8921)	AE8921
U19	IC SMD RC4580 DUAL OP-AMP (AE8921)	AE8921
U20	IC SMD 74HCT541PW BUFFER (AE7622)	AE7622