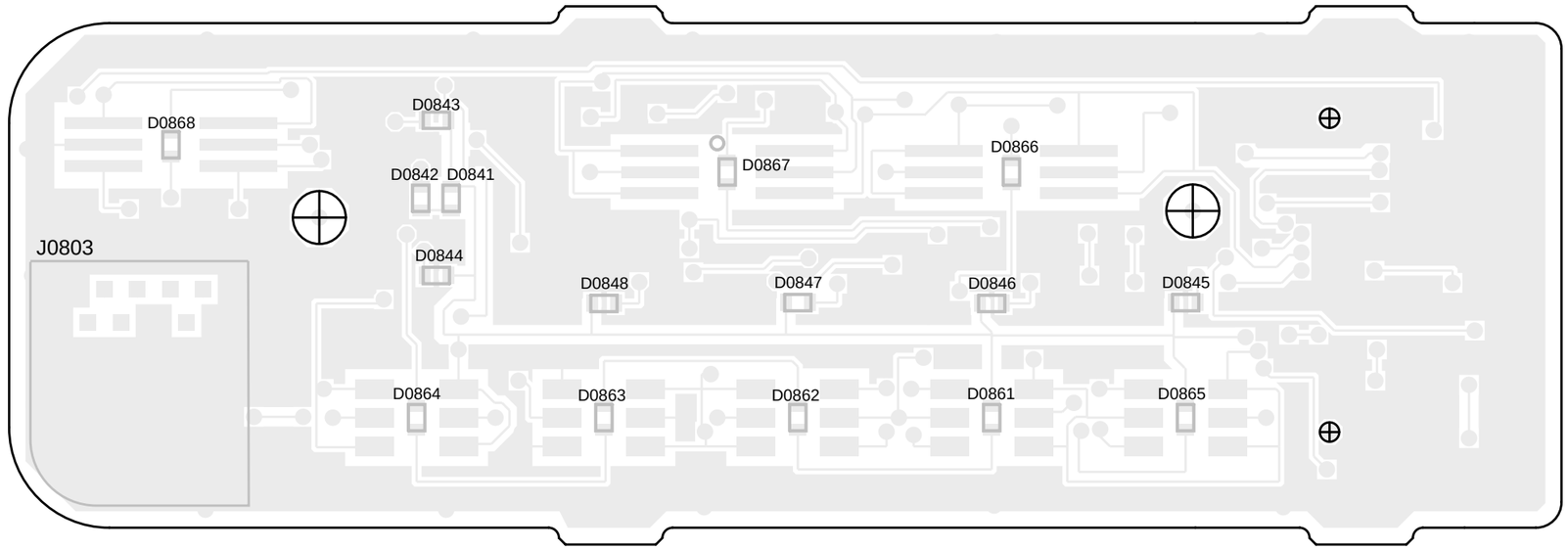
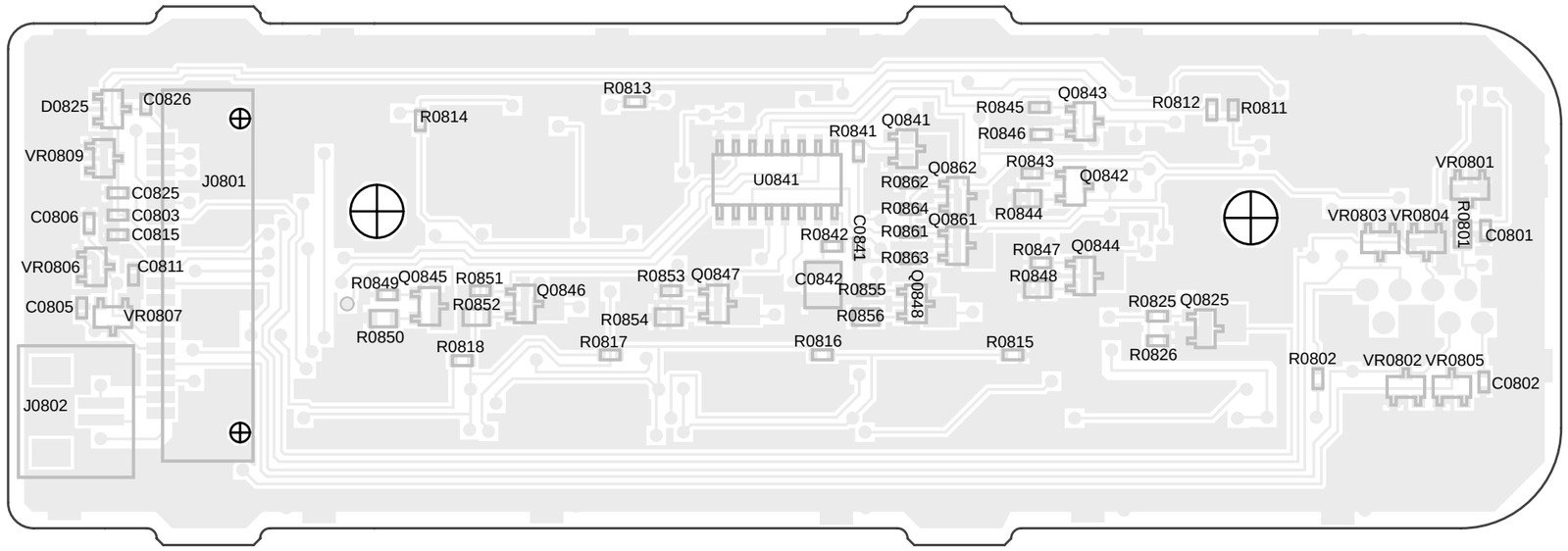
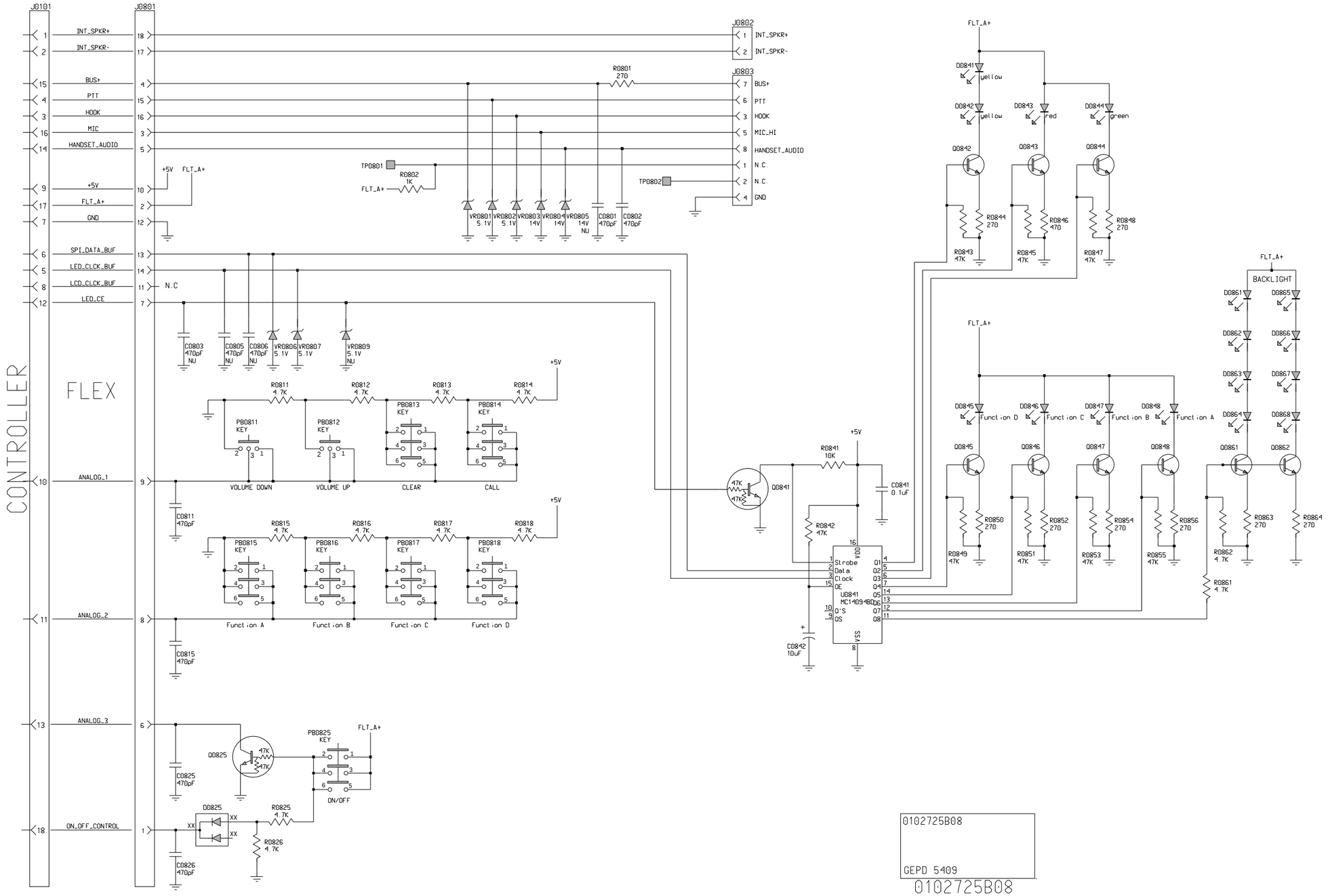


Top Side



Bottom Side

Control Head (A2)
PCB No. 8402621Y03_T2



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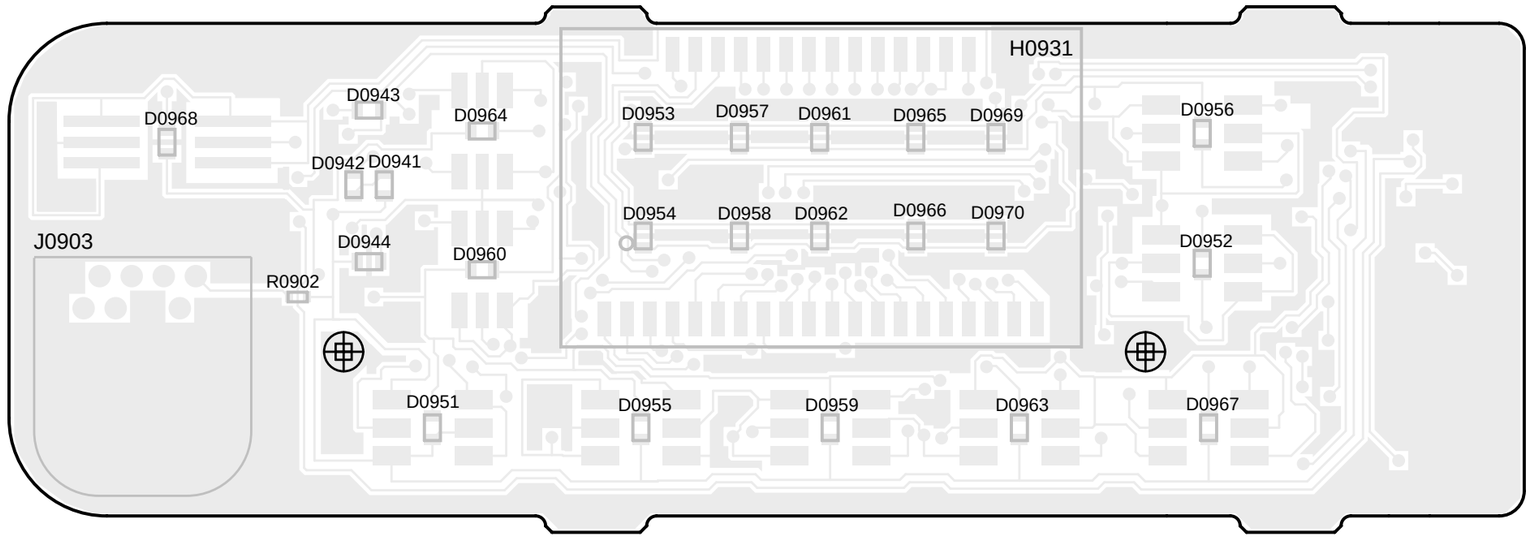
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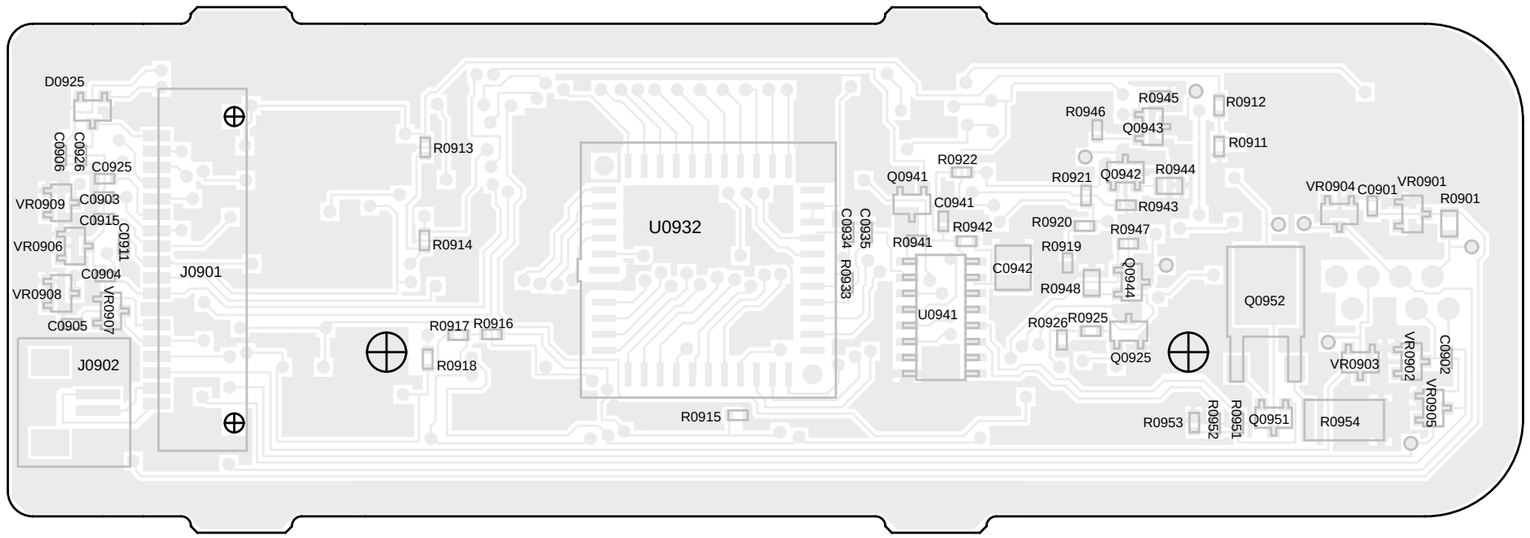
Control Head (A2) Schematic Diagram

Control Head (A2) Parts List

Circuit Ref	Motorola Part No.	Description
C0801	2113741F17	470pF 50V
C0802	2113741F17	470pF 50V
C0841	2113743K15	100nF 16V
C0842	2311049J23	TANT 10uF 10% 6V
D0825	4813833C02	DUAL SOT MMBD6100
D0841	4805729G73	LED SMT YEL HP
D0842	4805729G73	LED SMT YEL HP
D0843	4805729G74	LED SMT RED HP
D0844-D0848	4805729G75	LED SMT GREEN HP
D0861-D0868	4805729G75	LED SMT GREEN HP
J0801	0902636Y01	CONN Flex Side Entry
J0802	2809926G01	CONN 1.25MM CTR SUR
J0803	2805924V01	CONNECTOR MIC
Q0825	4880048M01	NPN DIG 47k/47k
Q0841	4880048M01	NPN DIG 47k/47k
Q0842-Q0848	4813824A10	NPN 40V .2A B=50-150
Q0861	4813824A10	NPN 40V .2A B=50-150
Q0862	4813824A10	NPN 40V .2A B=50-150
R0801	0660076A35	270 5 1/8
R0802	0662057A49	1k 1/16W 5%
R0811-R0818	0662057A65	4k7 1/16W 5%
R0825	0662057A65	4k7 1/16W 5%
R0826	0662057A65	4k7 1/16W 5%
R0841	0662057A73	10k 1/16W 5%
R0842	0662057A89	47k 1/16W 5%
R0843	0662057A89	47k 1/16W 5%
R0844	0660076A35	270 5 1/8
R0845	0662057A89	47k 1/16W 5%
R0846	0662057A41	470 1/16W 5%
R0847	0662057A89	47k 1/16W 5%
R0848	0660076A35	270 5 1/8
R0849	0662057A89	47k 1/16W 5%
R0850	0660076A35	270 5 1/8
R0851	0662057A89	47k 1/16W 5%
R0852	0660076A35	270 5 1/8
R0853	0662057A89	47k 1/16W 5%
R0854	0660076A35	270 5 1/8
R0855	0662057A89	47k 1/16W 5%
R0856	0660076A35	270 5 1/8
R0861	0662057A65	4k7 1/16W 5%
R0862	0662057A65	4k7 1/16W 5%
R0863	0662057A35	270 1/16W 5%
R0864	0662057A35	270 1/16W 5%
U0841	5113806A35	MC14094, REG, 8-Stage, SHIFT/STOREU
VR0801	4813830A14	5.1V 5% 225mW
VR0802	4813830A14	5.1V 5% 225mW
VR0803-VR0805	4813830A27	14V 5% 225mW
VR0806	4813830A14	5.1V 5% 225mW
VR0807	4813830A14	5.1V 5% 225mW

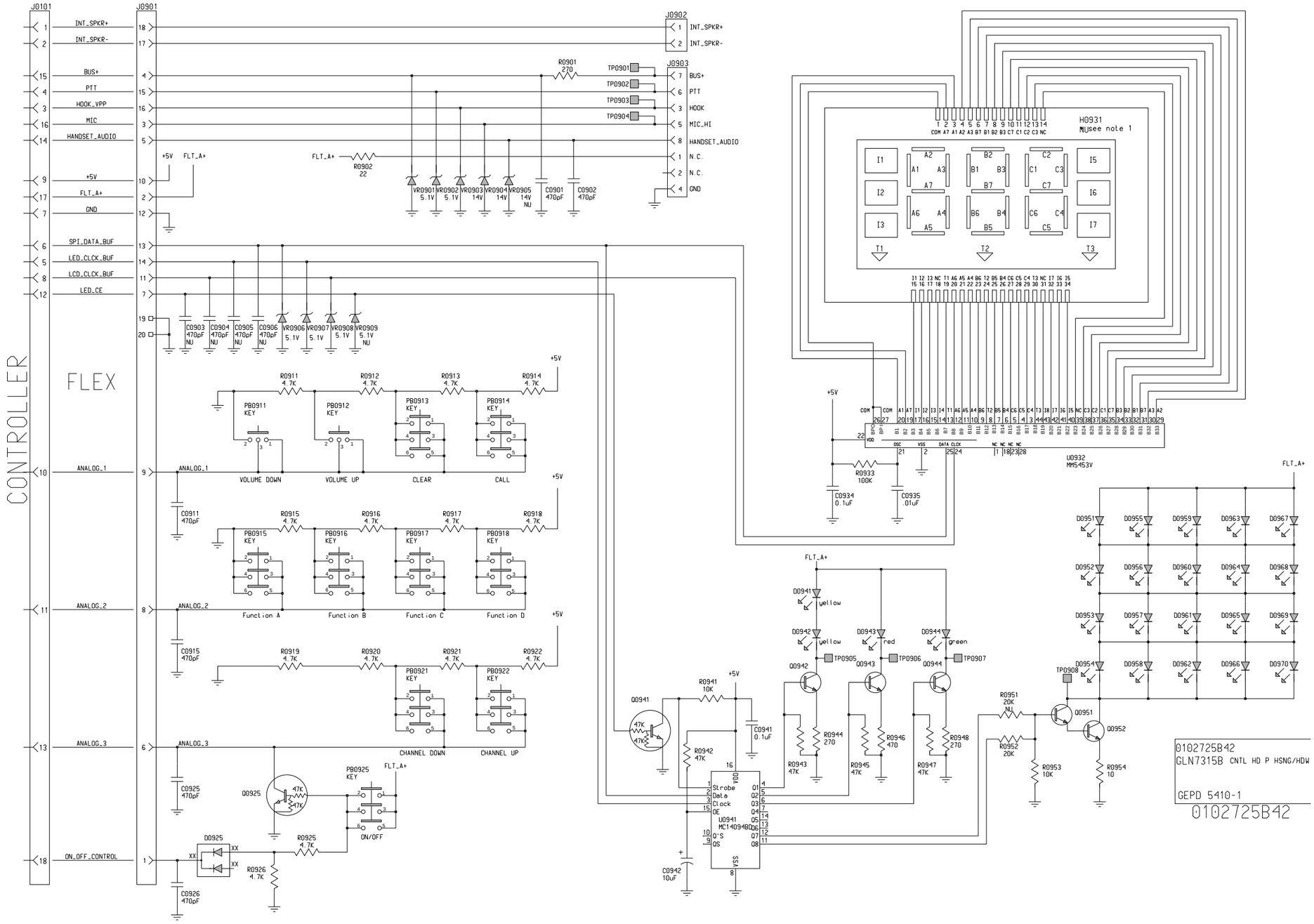


Top Side



Bottom Side

Control Head (A3)
PCB No. 8402622Y04_T2



Control Head (A3) Schematic Diagram

Control Head (A3) Parts List

Circuit Ref	Motorola Part No.	Description
C0901	2113741F17	470pF 50V
C0902	2113741F17	470pF 50V
C0934	2113743K15	100nF 16V
C0935	2113741F49	10nF 50V
C0941	2113743K15	100nF 16V
C0942	2311049J23	TANT CP 10uF 10% 6V
D0925	4813833C02	DUAL SOT MMBD6100
D0941	4805729G73	LED SMT YEL
D0942	4805729G73	LED SMT YEL
D0943	4805729G74	LED SMT RED
D0944	4805729G75	LED SMT GREEN
D0951-D0970	4805729G75	LED SMT GREEN
H0931	7202631Y01	CNTL K DISPLAY
J0901	0902636Y01	CONN FLEX Side Entry
J0902	2809926G01	CONN 1.25MM CTR SUR
J0903	2805924V01	CONNECTOR MIC
Q0925	4880048M01	NPN DIG 47k/47k
Q0931	4805128M16	PNP SOT MMBT3906
Q0941	4880048M01	NPN DIG 47k/47k
Q0942	4813824A10	NPN 40V .2A B=50-150
Q0943	4813824A10	NPN 40V .2A B=50-150
Q0944	4813824A10	NPN 40V .2A B=50-150
Q0951	4813824A10	NPN 40V .2A B=50-150
Q0952	4813822A20	
R0901	0660076A35	270 5 1/8
R0902	0662057A49	1k 1/16W 5%
R0911-R0922	0662057A65	4k7 1/16W 5%
R0925	0662057A65	4k7 1/16W 5%
R0926	0662057A65	4k7 1/16W 5%
R0931	0662057A65	4k7 1/16W 5%
R0932	0662057A73	10k 1/16W 5%
R0933	0662057A97	100k 1/16W
R0941	0662057A73	10k 1/16W 5%
R0942	0662057A89	47k 1/16W 5%
R0943	0662057A89	47k 1/16W 5%
R0944	0660076A35	270 5 1/8
R0945	0662057A89	47k 1/16W 5%
R0946	0662057A41	470 1/16W 5%
R0947	0662057A89	47k 1/16W 5%
R0948	0660076A35	270 5 1/8
R0952	0662057A80	20k 1/16W 5%
R0953	0662057A73	10k 1/16W 5%
R0954	0680194M01	10 1W 5%
U0932	5105625U61	LCD DRIVER 33 SEGMENT STATIC
U0941	5113806A35	MC14094, REG, 8-STAGE,SHIFT/STOREU
VR0901	4813830A14	5.1V 5% 225mW
VR0902	4813830A14	5.1V 5% 225mW
VR0903	4813830A27	14V 5% 225mW
VR0904	4813830A27	14V 5% 225mW
VR0905	4813830A27	14V 5% 225mW
VR0906	4813830A14	5.1V 5% 225mW
VR0907	4813830A14	5.1V 5% 225mW
VR0908	4813830A14	5.1V 5% 225mW