

CV	CV Name	Hex	Dec	Binary
CV 1	Two-Digit Address	03	3	00000011
CV 3	Momentum acceleration rate	08	8	00001000
CV 4	Momentum deceleration rate	06	6	00000110
CV 5		32	50	00110010
CV 6		19	25	00011001
CV 7	Version ID 51=Older decoders	10	16	00010000
CV 8	Reset Decoder	81	129	10000001
CV 11	Sound Time Out	63	99	01100011
CV 17	Four-Digit Addr (hi)	C2	194	11000010
CV 18	Four-Digit Addr (Low)	58	88	01011000
CV 21		F8	248	11111000
CV 22		34	52	00110100
CV 29	Configuration Register	32	50	00110010
CV 33		3B	59	00111011
CV 34		02	2	00000010
CV 35		04	4	00000100
CV 36		08	8	00001000
CV 37		10	16	00010000
CV 38		04	4	00000100
CV 43		10	16	00010000
CV 44		20	32	00100000
CV 45		40	64	01000000
CV 46		80	128	10000000
CV 49	Forward Light	68	104	01101000
CV 50	Reverse Light	78	120	01111000
CV 51		6A	106	01101010
CV 52		6B	107	01101011
CV 55		80	128	10000000
CV 56		50	80	01010000
CV 57		EB	235	11101011
CV 58	Master Volume, 0-15, 0= max	0F	15	00001111
CV 62		04	4	00000100
CV 63		3C	60	00111100
CV 66		91	145	10010001
CV 68		07	7	00000111
CV 69		0E	14	00001110
CV 70		16	22	00010110
CV 71		1D	29	00011101
CV 72		25	37	00100101
CV 73		2C	44	00101100
CV 74		34	52	00110100
CV 75		3B	59	00111011
CV 76		43	67	01000011
CV 77		4A	74	01001010
CV 78		52	82	01010010
CV 79		59	89	01011001
CV 80		61	97	01100001
CV 81		68	104	01101000
CV 82		70	112	01110000
CV 83		77	119	01110111
CV 84		7F	127	01111111
CV 85		86	134	10000110
CV 86		8E	142	10001110
CV 87		95	149	10010101
CV 88		9D	157	10011101
CV 89		A4	164	10100100
CV 90		AC	172	10101100
CV 91		B3	179	10110011
CV 92		BB	187	10111011
CV 93		C2	194	11000010
CV 94		CA	202	11001010
CV 95		91	145	10010001
CV 97		77	119	01110111
CV 105		46	70	01000110

CV	CV Name	Hex	Dec	Binary
CV 119		06	6	00000110
CV 120		20	32	00100000
CV 121	Sound Project SDF Version 0,	08	8	00001000
CV 122	Product TYPe, 12 = Digitrax0C	12	12	00001100
CV 123	Hardware Version, 64= SDXH16	40	64	01000000
CV 124		04	4	00000100
CV 125		33	51	00110011
CV 126		07	7	00000111
CV 127		C4	196	11000100
CV 132	Engine Notch rate 64-255	80	128	10000000
CV 133	Steam Chuff/CAM config, 128=	24	36	00100100
CV 134	Steam gear ratio trim, 32=10	2C	44	00101100
CV 135	vol level when MUTE action i	1E	30	00011110
CV 137		37	55	00110111
CV 138		38	56	00111000
CV 139	Set to trigger distance even	5A	90	01011010
CV 140	PRIME mover Electric/chuff e	0E	14	00001110
CV 141	Bell Volume 0-64	40	64	01000000
CV 142	WHISTLE/HORN vol 0-64	38	56	00111000
CV 143	AIR feature volume, brake re	14	20	00010100
CV 144	Engine brake volume 0-64	32	50	00110010
CV 145	Miscellaneous volume 0-64	32	50	00110010
CV 146	Delay	0A	10	00001010
CV 147		1B	27	00011011
CV 148		1E	30	00011110
CV 149		50	80	01010000
CV 151	speed limit FOR AUTOMATIC CO	1C	28	00011100
CV 152	defines USER code for this S	19	25	00011001
CV 154	Delay brake apply / speed at	13	19	00010011
CV 155	Notching mode 0=AUTO, 1=SEMI	01	1	00000001
CV 156	delay for HORN start in 27mS	01	1	00000001
CV 159	Grate Shaker Volume 0-64	14	20	00010100
CV 160	VARIANT id or project versio	46	70	01000110
CV 161	Initial Idle Trim 4-32	04	4	00000100
CV 162	Air Letoff Volume 0-64	0F	15	00001111
CV 163	Safety Run Time/ how often t	16	22	00010110
CV 164	Level in the guage/ Water Pu	13	19	00010011
CV 165	add fuel to firebox at 150lb	0F	15	00001111
CV 166	Cutoff Speed for wheel slip	09	9	00001001
CV 167	Cutoff Speed for Auto Cyl. b	07	7	00000111
CV 168	Sander Volume 0-64	1E	30	00011110
CV 169	Cutoff Speed for high speed	28	40	00101000
CV 170	Cutoff Speed LOW skips brake	0D	13	00001101
CV 171	AUX GEN VOLUME 0-64	32	50	00110010
CV 172	FAN MOTOR VOLUME 0-64	1E	30	00011110
CV 173	STEAM blowdown volume	28	40	00101000
CV 174	AIR DRYER Air sounds Volume	3D	61	00111101
CV 175	Air compressor volume	25	37	00100101

CV 176	TRACTIONMOTOR VOLUME	2D	45	00101101
CV 177	Coupler Slack Volume	0		
		1C	28	00011100
CV 178	Wheel Flange Volume	0-		
		28	40	00101000
CV 179	Dynamic brake / Dynamo volum			
		1D	29	00011101
CV 180	Steam blow down/Safety vol	31	49	00110001
CV 181	Power Reverser volume	22	34	00100010
CV 182	brake release Air sounds Vol			
		33	51	00110011
CV 183	Water fill Volume	0-6		
		23	35	00100011
CV 184	Steam cock blow down thresho			
		11	17	00010001
CV 185	bit values to disable featur			
		80	128	10000000
CV 186	bit values to disable additi			
		03	3	00000011
CV 189	Water Alarm Volume	0-6		
		2D	45	00101101
CV 190	Cutoff Speed for high speed	14	20	00010100
CV 191	Drift Volume	0-64	37	00110111
CV 192	Cutoff Speed for LONG HORN	04	4	00000100

Non-Zero Startup CV values in SPJ: c:\spj_projects\32bit7\siemens\acs-64\acs-64.spj
Owner/Author: John McMasters

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CV          CV Name          Hex  Dec  Binary
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