

工厂选项设置说明

彩电维修资料网

TV160

http://www.tv160.net

深红色背景选项为带 VGA 功能版软件中新增的选项

Symbol	Description	E2PROME ADDRESS	Initial	Max.	D7	D6	D5	D4	D3	D2	D1	D0
OSD	OSD Horizontal Position	0X33	0x26	0x7f	-	ORHS1(TMP87CK38N)						
OPT(36)	Optional Setting	0X35	0x3f	0xff	Hotel flag (1:useTV状态下跳过游戏菜单,0:no use正常菜单)	(0:always TV sync 1:monitor sync)	Chg pos Mute type (0:Y,1: RGB)	无信号 AFT开关 (1:关闭,0: 打开)	F_PcSet 1:电脑设置菜单显示 0:不显示	Y mute use(1:use, 0:no use)	单独听 (0关, 1开)	VGA开关 1:VGA 通道开 0:VGA 通道关
RCUT	R CUT OFF	0X36	0x76	0xff	R Cut Off							
GCUT	G CUT OFF	0X37	0x81	0xff	G Cut Off							
BCUT	B CUT OFF	0X38	0x71	0xff	B Cut Off							
GDRV	G DRIVE	0X39	0x31	0x7f	-	G Drive Gain						
BDRV	B DRIVE	0X3a	0x46	0x7f	-	B Drive Gain						
CNTX	CONTRAST MAX.	0x3b	0x4F	0x7f	-	Uni-Color						
BRTC	BRIGHT CENTER	0x3c	0x38	0x7f	-	Brightness (TV/TEXT)						
COLC	COLOR CENTER NTSC	0x3d	0x4A	0x7f	-	Color						
TNTC	TINT CENTER	0x3e	0x40	0x7f	-	Tint						
COLP	COLOR CENTER PAL(difference from COLC)	0x3f	0xF2	0x7f	-	*	*	*	*	*	*	*
COLS	COLOR CENTER SECAM	0x40	0x40	0x7f	-	Color						
PLMF(00)	SUB COLOR	0x41	0x0F	0xff	-	-	-	Phase_S witch(自动相位) 1:开 0:关	Demo_S witch(VII功能) 1:开 0:关	AGCh_S witch 1:开 0:关	AGCG ain_S witch 1:开 0:关	Phase Itemp Switch 1:开 0:关
SCNT	SUB CONTRAST	0x42	0x0D	0x0f	-	-	-	-	Sub Contrast			
CNTC	CONTRAST CENTER	0x43	0x4F	0x7f	-	Uni-Color						
CNTN	CONTRAST MIN.	0x44	0x18	0x7f	-	Uni-Color						
BRTX	BRIGHT MAX.(difference from center)	0x45	0x25	0x7f	-	*	*	*	*	*	*	*
BRTN	BRIGHT MIN.(difference from center)	0x46	0x20	0x7f	-	*	*	*	*	*	*	*
COLX	COLOR MAX.(difference from center)	0x47	0x20	0x7f	-	*	*	*	*	*	*	*
COLN	COLOR MIN.	0x48	0x00	0x7f	-	Color						
TNTX	TINT MAX.(difference from center)	0x49	0x3f	0x7f	-	*	*	*	*	*	*	*
TNTN	TINT MIN.(difference from center)	0x4a	0x3f	0x7f	-	*	*	*	*	*	*	*
ST3	SHARP CENTER 3.58NTSC TV	0x4b	0x20	0x3f	-	-	Sharpness					
SV3	SHARP CENTER 3.58NTSC VIDEO	0x4c	0x20	0x3f	-	-	Sharpness					
ST4	SHARP CENTER OTHER TV	0x4d	0x1B	0x3f	-	-	Sharpness					
SV4	SHARP CENTER OTHER VIDEO	0x4e	0x20	0x3f	-	-	Sharpness					
SVD	SHARP CENTER DVD	0x4f	0x19	0x3f	-	-	*	*	*	*	*	*
ASSH	ASYMMETRY-SHARPNESS	0x50	0x04	0x07	-	-	-	-	-	ASYMMETRY-SHARPNESS		
SHPX	SHARP MAX.(difference from center)	0x51	0x1a	0x3f	-	-	*					
SHPN	SHARP MIN.(difference from center)	0x52	0x1a	0x3f	-	-	*					

BRTS	SUB BRIGHT	0x6a	0x00	0x3f	-	-	*	*	*	*	*	*
Symbol	Description		Initial	Max.	D7	D6	D5	D4	D3	D2	D1	D0
RAGC	RF AGC	0x6b	0x23	0x3f	-	-	RF AGC					
HAFC	AFC GAIN	0x6c	0x01	0x03	-	-	-	-	-	-	AFC G	
V25	VOLUME 25	0x6d	0x2D	0x7f	-	Audio Att						
V50	VOLUME 50	0x6e	0x32	0x7f	-	Audio Att						
V100	VOLUME 100	0x6f	0x3A	0x7f	-	Audio Att						
MUTT	Y-MUTE FOR SOFT START	0x70	0x00	0xff	*	*	*	*	*	*	*	*
STAT★	CONTRAST UP FOR SOFT START	0x71	0x15	0xff	*	*	*	*	*	*	*	*
FLG0	FLAGS for IF	0x72	0x0F	0xff	No VCO readjust when POS select(1:no readjust,0:read just)	Spot killer (0:OFF; 1:& BB(1),then RGB out(110 IRE))	无信号蓝背景关时静音开关 (0: 静音打开; 1:不静音)	BPF SW(0:Normal, CVBS signal passes along BPF 1:Bypass, CVBS signal doesn't pass along BPF)	屏显等背景开关(0:只显示文字,背景关, 1: 背景开)	BUZZ Reducer (0:ON 1"OFF)	渐入渐出 (0关, 1开)	Over Mod SW (0:Nomal 1: PIF over modulation switch on) (该参数虽然在RAM.h中未有体现,但是确实是在工厂中可调的)
FLG1(82)	FLAGS	0x73	0x1E	0xff	彩色拉幕开关 (1:彩色拉幕 0: 普通拉幕)	无信号输入判断开关(0:关 1:开)(3T60无)	判断0X14寄存器开关 (0:关 1:开) (3T60无)	FPLM(1:plm on 0:plm off) (3T60无)	1:改切换通道黑屏时序 0:不改(3T66一定改) (3T60无)	保留	DVD模式开关 (0: 关, 1: 开)	CW 开关: (0:关 1:开)
REFP	REF Pulse Positon	0x74	0x40	0x07	FM RADIO SWITCH (FM收音机关)	FS TUNER SWITCH (高频头开关, 0: VT电压调谐 1: FS频率调谐)	保留	保留(待确认)	保留(待确认)	保留		
HSTEP VPOFFSET CNTOFFSET		0x75	0x0a	0x3f			R SENS					
		0x76	0x05	0x3f			G SENS					
		0x77	0x06	0xff	VGA				YUV			
MOD	MODE	0x78	0xF0	0x0f	节能模式开关 (0:关 1:开)(4T60有,4t66第一版无,第二版有)	Fjp_tai343(1:1341used 0:unused)-	Fav2 Video2工厂模式开关 (1: 开, 0: 关) -	Fjp_att (1: 单声道, att 控制, 0: 音量 PWM控制或 1343控制) -	Fjp_dtv(1:dtv 0:AV2) (3t60无)	Fjp_wp (E2p写保护0: off 1: on(3t60无)	Fjp_8873c_sw 0:使用8873B版本 1: 使用8873C 版本	
MOD1		0x79	0x96	0xff	(保留)计算器功能无	DVD时英文屏显字符: (1: dtv 0: YUV) (3T60无)	The algorithmic of ASM. 0:ASM doesn't judge IFLOCK with case 4. 1:ASM judge IF LOCK with case 4.	0:when asm & search,set up VCO adjust req. ,1:only power on	SOUND SYSTEM M (1:use 0:unused)	SOUND SYSTEM DK (1:use 0:unused)	SOUND SYSTEM I (1:use 0:unused)	SOUND SYSTEM BG (1:use 0:unused)
Mode3	Function option	0x7a	0xFB	0xff	(保留)游戏功能无	屏保 (0关, 1开)	关机拉幕 (0关, 1开)	转台拉幕 (0关, 1开)	精彩扫描 (0关, 1开)	(保留)万年历功能无	人机对话 (0关, 1开)	16:9 (0关, 1开) DVD下4种模式有效(3T60无)
HIT 16:9	The height in 16:9 mode for 50 Hz	0x7b	0x0D	0x3f	-	-	Vertical size					

SVM★	SVM	0x7c	0x20	0x1f	保留	保留	ALC SWITCH (自动音量开关 0: 关闭; 1: 打开。)	CORING (Y Coring switch 0: Off; 1: On)	SVM DL		SVM GAIN	
VLBK★	V BLK Start / Stop	0x7d	0x00	0x0f					V BLK stop point		V BLK start point	
VCEN	V CENTERING	0x7e	0x20	0x3f			V CENTERING					
HSIZ	H SIZE	0x7f	0x09	0x3f			H SIZE					
NHB	Normal condition H BLANK	0x80	0x00	0xff			PARABOLA					
THB	转台/切换通道等条件下H BLANK	0x81	0x33	0xff			TRAPZIUM					
JUDGENUM	YUV与VGA判别次数	0x82	0x05	0xff								
COLOFFSET	YUV与VGA COLOR中间值偏移量	0x83	0x66	0xff	VGA				YUV			
BRTOFFSET	YUV与VGA BRITNESS中间值偏移量	0x84	0xF0	0xff	VGA				YUV			
UCOM★	Miciom Control	0x85	0x80	0x3f	P PLL SP (Select PIF PLL Sensitivity. 0: NORMAL 1: SPEED-UP)	C-TRAP-Q (Select C-TRAP-Q 0:Low; 1:High)		APC-DATA (00:DATA-1Normal for Black and White,and NTSC; 01:DATA-2; 10,11 DATA-3,for PAL mode)	1	INTERNAL ADC		
PYNX	normal H.SYNC max	0x86	0x2F	0x3f	-	-	PYNX（正常行同步最大值）					
PYNN	normal H.SYNC min	0x87	0x10	0x3f	-	-	PYNN（。。最小值）					
PYXS	search H.SYNC max	0x88	0x22	0x3f	-	-	PYXS（搜索行同步最大值）					
PYNS	search H.SYNC min	0x89	0x10	0x3f	-	-	PYNS（。。最小值）					
RCUTS	YCbCr R cutoff(difference from RCUT)	0x8a	0x00	0xff	R Cut Off for YcbCr(RCUTS <0X80时,RCUT(DVD)= RCUTS+ RCUT,否则RCUT(DVD)= RCUT+ RCUTS-256)							
GCUTS	YCbCr G cutoff(difference from GCUT)	0x8b	0x00	0xff	G Cut Off for YCbCr							
BCUTS	YCbCr B cutoff(difference from BCUT)	0x8c	0x00	0xff	B Cut Off for YCbCr							
GDRVS	YCbCr G drive(difference from GDRV)	0x8d	0x00	0xff		R Drive Gain for YCbCr						
BDRVS	YCbCr B drive(difference from BDRV)	0x8e	0x00	0xff		B Drive Gain for YCbCr						
CURW	CURTAIN START POSITION	0x8f	0x79	0XFF	CONTROL THE HORISION START POSITION OF CURTAIN							
AUO	采用PWM音量输出时解码音量增益设置	0x90	0x62	0X7F	3T36和3T30采用,声音采用PWM输出时,解码的声音增益控制。（射频音量输出调整）							
OSDF	OSD PLL DATA	0x91	0x40	0x53	OSD FRQUENSY（字符大小调整）且值越大位置越偏右							
PWR	保留	0X92	02									
Hposion_Max	VGA设置菜单行中心位置范围	0X93	0a									
Vposion_Max	VGA设置菜单场中心位置范围	0X94	06									
SYNC		0X95	04		SY-LPF (Select LPF mode for H-Lock detection 0:Off; 1:LPF On,for sync-Det)				H-LOCK-M (0:H Lock Detection mode; 1:D-sync Pulse count mode)	HL-WIN_P (Select Window pulse for H Lock detection 0:Normal; 1:Narrow)	SYNC-SEP (Select Sync separation level 0:40%; 1:50%)	SYNC-SLI (Select Sync slice level for week signal 0:Normal; 1:Low)

VCD0★		0X96	04		AU MON (Select signal of audio monitor out(Pin38) 00:Normal,depending on AUDIO-SW 01:TV 10,11:MUTE)	C TRAP MD (Select Chroma Trap mode 00:interlocking"Video SW" 01:same as(00) 10:not interlocking,C-Trap off 10:not interlocking,C-Trap on)	HT GAIN (Half tone gain switch 0:MAIN:OSD =30%:70% 1:MAIN:OSD =50%:50%)	UV SW (Select the mode of Cb/Cr input 0:Cb/Cr,Cr input(#21)gain up,+3dB 1:U/V)	SHR f0 (Select Sharpness f0 frequency 0:2.75MHz 1:4MHz)	SY SKEW (Select Sync skew detection mode 0:off 1:Sync skew detection on)
VCD1★		0X97	80		ALC (Select ALC gain 00:ALC off 01:1.1Vp-p 10:1.6Vp-p 11:2.3Vp-p)	PIF DET LVL (PIF detected output level trimming 00:2.10Vp-p 01:2.20Vp-p 10:2.30Vp-p 11:2.40Vp-p)	FM BPF(Select FM BPF mode)		PIF FREQ (00:38.0MHz 01:38.9MHz 10:45.75MHz 11:Do not use)	
ABCL		0X98	27			ACL ST (Set ACL Start Point 00:0V 01:-0.2V 10:-0.3V 11:-1.0V(ACL off))	ABL POINT (Set ABL Start Point 00:ABL start point:0V 01:-0.20V 10:-0.30V 11:-0.40V)		ABL GAIN (Set ABL Gain 00:-0.20V 01:-0.35V 10:-0.50V 11:-0.65V)	
OSDA		0X99	0E				OSD ABL (Select OSD ABL Mode 0:ABL is effective to OSD 1:ineffective)		OSD CONTRAST (00:OSD level,95IRE 01:60IRE 10:70IRE 11:80IRE)	
VBLACK★		0X9A	08				V BLACK ADJ (U Black level adjustment)			
UBBLACK★		0X9B	08				U BLACK ADJ (V Black level adjustment)			
H BOW		0X9C	05					H BOW (Horizontal Bow correction)		
H PARA		0X9D	06					H PARA (Horizontal Parabola correction)		
NOIS		0X9E	03				NOISE DET (Noise Detection level control)			
STBG		0X9F	08	0F			S TRAP f0 (Sound trap f0 tuning and on/off switch)			
STI		0XA0	0F	0F			S TRAP f0			
STDK		0XA1	08	0F			S TRAP f0			
STM		0XA2	0F	0F			S TRAP f0			
SSBG		0XA3	00			S TRAP HP/LP (Frequency response control)	S TRAP Q		S TRAP GD	
SSI		0XA4	00			S TRAP HP/LP	S TRAP Q		S TRAP GD	
SSDK		0XA5	00			S TRAP HP/LP	S TRAP Q		S TRAP GD	
SSM		0XA6	00			S TRAP HP/LP	S TRAP Q		S TRAP GD	
TVMD	开机时图象渐亮时间控制	0XA7	00		F					
AVAUO	AV声音的AUO设置	0XA8	A0							
SUR EFT	ALC（自动音量控制）打开时 AUO的设置	0XA9	04							
OPEN BLK	ALC（自动音量控制）打开时 VOLUME 25的设置	0xAA	02							