

Manual de Serviço

TELEVISORES EM CORES

MODELOS: TV1490IAV/ TV2090IAV/ TV1488IM/ TV2088IM/ TV2089IMS/ TV2086IMS

CHASSI: U14

ESPECIFICAÇÕES

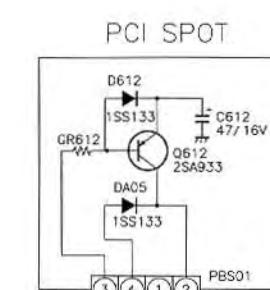
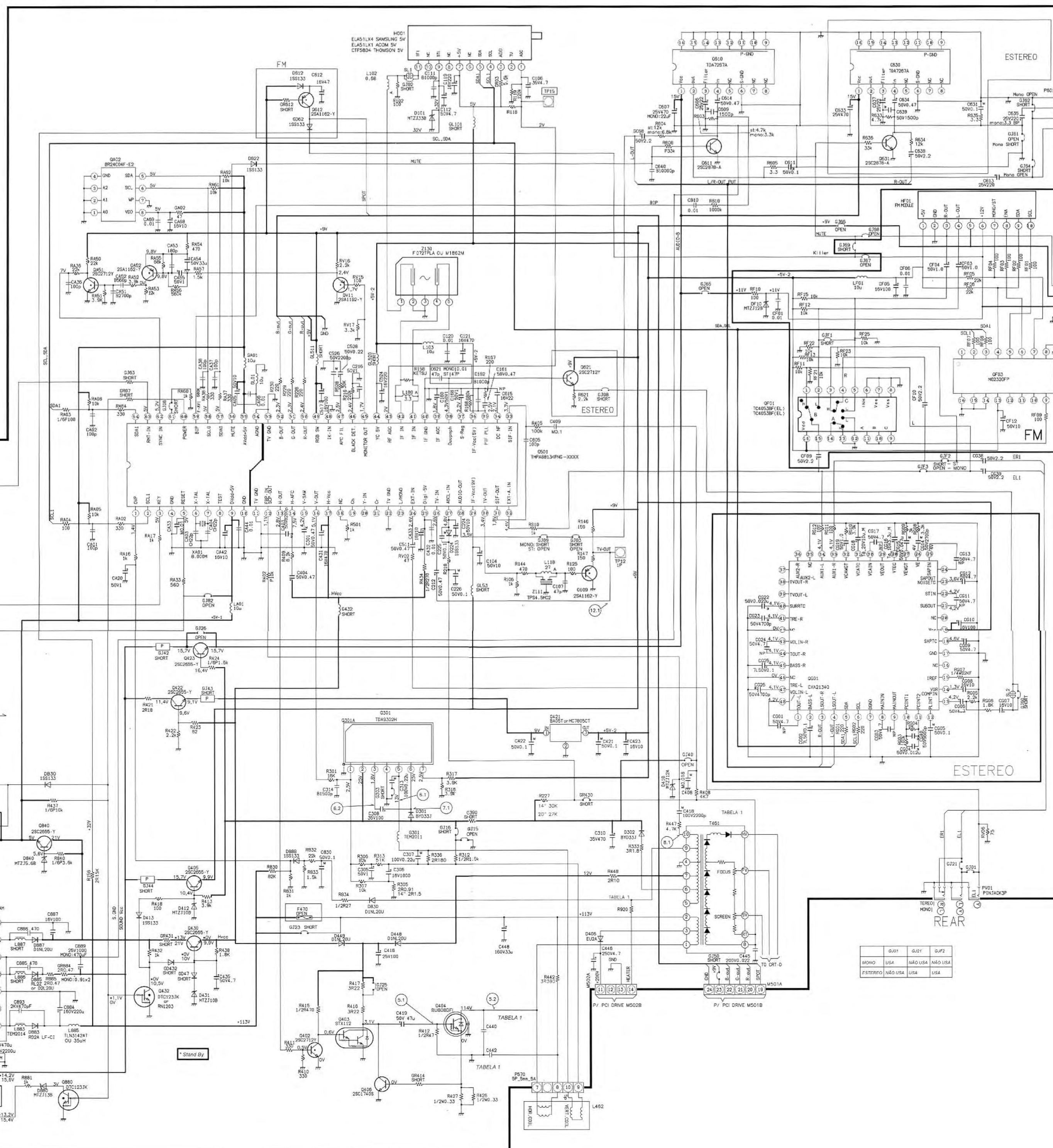
Tensão de rede:	99 a 250 VAC-50/60 Hz
Consumo médio:	TV1490IAV-TV1488IM: Em operação 39 Watts Em stand by 2 Watts TV2090IAV-TV2088IM: Em operação 48 Watts Em stand by 2 Watts TV2089IMS - TV2086IMS: Em operação 49 Watts Em stand by 2 Watts
Impedância de entrada de antena:	75 ohm-tipo desbalanceada-para VHF/UHF/CABO
Sintonizador:	ELA51LX1 - ACOM (NE:528432) ELA51LX4 - TECC1040PG32E - SAMSUNG (NE:581472) CTF5804 THOMSON (NE:600781)
Sistema de sintonia:	F.S. (Frequency synthesizer)-PLL
Sistema de televisão:	Padrão M-525 linhas
Canais de recepção:	<u>Faixa I-</u> Canais 2 a B OFF AIR-55,25 MHz a 83,25 MHz-VHF 2 a 6 CABO-73,25 MHz a 127,25 MHz <u>Faixa II-</u> Canais C a LL OFF AIR-175,25 MHz a 211,25 MHz-VHF 7 a 13 CABO-133,25 MHz a 367,25 MHz <u>Faixa III-</u> Canais MM a 69 OFF AIR-471,25 MHz a 801,25 MHz-UHF 14 a 69 CABO-373,25 MHz a 463,25 MHz
Frequências intermediárias:	Portadora de vídeo 45,75 MHz Portadora de som 41,25 MHz/ 4,5MHz Portadora de coram 42,17 MHz
Frequências subportadoras de coram:	3,575611MHz (PALM) 3,582056 MHz (PALN) 3,579545 MHz (NTSC)
Potência de áudio:	TV1490IAV-TV1488IM 2,5 Watt/ 8 ohm TV2090IAV-TV2088IM 2,5 Watt/ 8 ohm TV2089IMS - TV2086IMS 2,5+2,5 Watt/ 8 ohm
Cinescópio:	TV1490IAV-TV1488IM IN LINE 14" (E.I.A.J.) A34EAK01X112-3,0mH - PHILIPS A34KQW42X02-3,0mH - SAMSUNG (34 cm diagonal visual/ NBR5258) TV2090IAV-TV2088IM TV2089IMS - TV2086IMS IN LINE 20" (E.I.A.J.) A48EJN05X040/H - PHILIPS A48KRD89X08 - SANSUMG (48 cm diagonal visual/ NBR5258)
Peso/ Dimensões(LxAxP):	TV1490IAV 8,80 Kg/ (374x352x367) mm TV1488IM 8,90 Kg/ (374x352x367) mm TV2090IAV 17,1 Kg/ (520x450x470) mm TV2088IM 17,2 Kg/ (520x446x477) mm TV2089IMS 17,2 Kg/ (520x446x477) mm TV2086IMS 19.8 Kg/ (844x703x585) mm

NE: 727100

SEMP TOSHIBA

U14

Pci Principal




V93T	A48E1A05X045FVPL3F	A48E1A05X045FVPL3F	A48KJ28X048-SAMSUNG	A48KJ28X048-SAMSUNG
T451	T9B412GBR	T9B412GBS OU T9B413FAE	T9B412GBS OU T9B413AAE	T9B412GBR
C443	650qF1600V	650qF1600V	650qF1600V	650qF1600V
C445	0.51uF/250V	0.39uF/250V	0.51uF/250V	0.51uF/250V
H922	1.5QMS/7W	3.3 QMS/7W	1.0 QMS/7W	1 QMS/7W

V951	A34E4K10X12-PHVLPS	A34E4K10X12-PHVLPS	A34E4K10X12-PHVLPS	A34QW4X20S-SAMSUNG	A34K4X20S-SAMSUNG	A34QW4X20S-SAMSUNG
T6U1	T7F4134AF DU T7F4136CS	T7F4136R	QV20E40	T7F4134M DU T7F4136CS	T7F4136R	QV20E40
C443	510qP/1600V	510qP/1600V	510qP/1600V	510qP/1600V	510qP/1600V	510qP/1600V
C442	230qP/250V	0.30qP/250V	0.30qP/250V	0.50qP/250V	0.50qP/250V	0.51qP/250V
RS20	2.7 QHMS/TW	1.5 QHMS/TW	2.7 QHMS/TW	2.7 QHMS/TW	1.5 QHMS/TW	2.7 QHMS/TW

V951	A34E4K10X12-PHVLPS	A34E4K10X12-PHVLPS	A34E4K10X12-PHVLPS	A34QW4X20S-SAMSUNG	A34K4X20S-SAMSUNG	A34QW4X20S-SAMSUNG
T6U1	T7F4134AF DU T7F4136CS	T7F4136R	QV20E40	T7F4134M DU T7F4136CS	T7F4136R	QV20E40
C443	510qP/1600V	510qP/1600V	510qP/1600V	510qP/1600V	510qP/1600V	510qP/1600V
C442	230qP/250V	0.30qP/250V	0.30qP/250V	0.50qP/250V	0.50qP/250V	0.51qP/250V
RS20	2.7 QHMS/TW	1.5 QHMS/TW	2.7 QHMS/TW	2.7 QHMS/TW	1.5 QHMS/TW	2.7 QHMS/TW

	GJ01	GJ21	GJF2
MONO	USA	NÃO USA	NÃO USA
ESTEREO	NÃO USA	USA	USA

COMPONENTES SMD	
TIPO	TIPO
RESISTOR	$\triangleleft \nabla$
CAP. CERAMICO	$\text{—} \overline{\text{H}} \text{—}$
TRANSISTOR PNP/NPN	
TRANSISTOR POLARIZADO	