

TV signal processor - Teletext decoder with
embedded μ -Controller

TDA955X/6X/8X PS/N1 series

FUNCTIONAL DIFFERENCE BETWEEN THE VARIOUS IC VERSIONS

IC VERSION (TDA95XX PS)	50	51	52	53	54	60	61	62	63	64	65	66	67	80	81	82	83	84	85	86	87	88
TV range	90°	90°	90°	110°	90°	90°	90°	110°	110°	110°	110°	90°	90°	90°	90°	90°	110°	110°	110°	110°	90°	110°
Mono intercarrier multi-standard sound demodulator (4.5 - 6.5 MHz) with switchable centre frequency	√	√		√		√	√	√	√					√	√		√	√			√	√
Audio switch	√	√		√		√	√	√	√					√	√		√	√			√	√
Automatic Volume Levelling	√	√	√	√	√	√	√					√	√	√	√	√					√	√
Automatic Volume Levelling or subcarrier output (for comb filter applications)								√	√	√	√	√					√	√	√	√		
QSS sound IF amplifier with separate input and AGC circuit			√		√					√	√	√	√			√			√	√		
AM sound demodulator without extra reference circuit			√		√					√	√	√	√			√			√	√		
AM/FM option			√		√							√	√			√						
FM radio option (via QSS amplifier)			√									√	√			√						
FM radio option (with FM tuner)	√	√				√	√							√	√						√	
Dynamic Skin tone control	√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
PAL decoder	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		
SECAM decoder		√	√	√	√		√		√		√		√		√	√		√		√		
NTSC decoder	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Horizontal geometry (E-W)				√				√	√	√	√						√	√	√	√		√
Horizontal and Vertical Zoom				√				√	√	√	√						√	√	√	√		√
ROM size	32 - 64 k	32 - 64 k	32 - 64 k	32 - 64 k	32 - 64 k	64 - 128k	64 - 128k	64 - 128k	64 - 128k	64 - 128k	64 - 128k	64 - 128k	64 - 128k	64 k	64 k	64 k	64 k	64 k	64 k	64 k	64 k	64 k
User RAM size	1 k	1 k	1 k	1 k	1 k	2 k	2 k	2 k	2 k	2 k	2 k	2 k	2 k	1 k	1 k	1 k	1 k	1 k	1 k	1 k	1 k	1 k
Teletext	1 page	1 page	1 page	1 page	1 page	10 page	10 page	10 page	10 page	10 page	10 page	10 page	10 page									
Closed captioning	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√