

Part No.

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TDA3654Q Datasheet (PDF) - NXP Semiconductors

Part No.	TDA3654Q
Description	<a href="#">Vertical deflection and guard circuit 110°</a>
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Parameter	Symbol	Min	Max	Unit
Storage temperature	T <sub>stg</sub>	-25	+120	°C
Operating ambient temperature range	T <sub>amp</sub>	-25	+80	°C
Guard circuit output voltage	V <sup>g-s</sup>	max.	2.8	V
Subbias voltage	V <sup>g-s</sup>	max.	40	V
Output current (peak-to-peak)	I <sup>g(b-b)</sup>	max.	3	A
Output voltage	V <sup>g-s</sup>	max.	80	V

**QUICK REFERENCE DATA**

- Internal voltage stabilizer
- Internal blanking guard circuit
- 80° and 110° deflection system
- Direct drive to the deflection coils

**Features**

A guard circuit is provided which blanks the picture tube screen in the absence of deflection current for a wide range of 80° and 110° deflection systems. The TDA3654 is a full performance vertical deflection output circuit for direct drive of the deflection coils and can be used

**GENERAL DESCRIPTION**

(110°)

Vertical deflection and guard circuit

Philips Semiconductors
Product specification

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**Related Electronics Part Number**

Part Number	Components Description	Html View	Manufacturer
<a href="#">TDA8215B</a>	HORIZONTAL AND VERTICAL DEFLECTION CIRCUIT	<a href="#">1</a> <a href="#">2</a> <a href="#">3</a> <a href="#">4</a> <a href="#">5</a> <a href="#">More</a>	STMicroelectronics
<a href="#">TDA8218</a>	HORIZONTAL AND VERTICAL DEFLECTION CIRCUIT	<a href="#">1</a> <a href="#">2</a> <a href="#">3</a> <a href="#">4</a> <a href="#">5</a> <a href="#">More</a>	STMicroelectronics
<a href="#">TDA3653B</a>	VERTICAL DEFLECTION AND GUARD CIRCUIT 90°	<a href="#">1</a> <a href="#">2</a> <a href="#">3</a> <a href="#">4</a> <a href="#">5</a> <a href="#">More</a>	NXP Semiconductors
<a href="#">TDA3653B</a>	Vertical deflection and guard circuit 90°	<a href="#">1</a> <a href="#">2</a> <a href="#">3</a> <a href="#">4</a> <a href="#">5</a> <a href="#">More</a>	NXP Semiconductors
<a href="#">NTE7134</a>	Integrated Circuit Horizontal and Vertical Deflection Controller for Monitors	<a href="#">1</a> <a href="#">2</a> <a href="#">3</a> <a href="#">4</a> <a href="#">5</a> <a href="#">More</a>	NTE Electronics
<a href="#">NTE7133</a>	Integrated Circuit Horizontal and Vertical Deflection Controller for VGA/XGA and Autosync Monitors	<a href="#">1</a> <a href="#">2</a> <a href="#">3</a> <a href="#">4</a> <a href="#">5</a> <a href="#">More</a>	NTE Electronics
<a href="#">NTE1888</a>	Integrated Circuit Horizontal and Vertical Deflection Monitor	<a href="#">1</a> <a href="#">2</a> <a href="#">3</a> <a href="#">4</a>	NTE Electronics
<a href="#">NTE7132</a>	Integrated Circuit Horizontal and Vertical Deflection Controller for VGA/XGA and Multi-Frequency Monitors	<a href="#">1</a> <a href="#">2</a> <a href="#">3</a> <a href="#">4</a> <a href="#">5</a> <a href="#">More</a>	NTE Electronics
<a href="#">ILA3654</a>	VERTICAL DEFLECTION AND GUARD CIRCUIT	<a href="#">1</a> <a href="#">2</a> <a href="#">3</a>	Integral Corp.

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