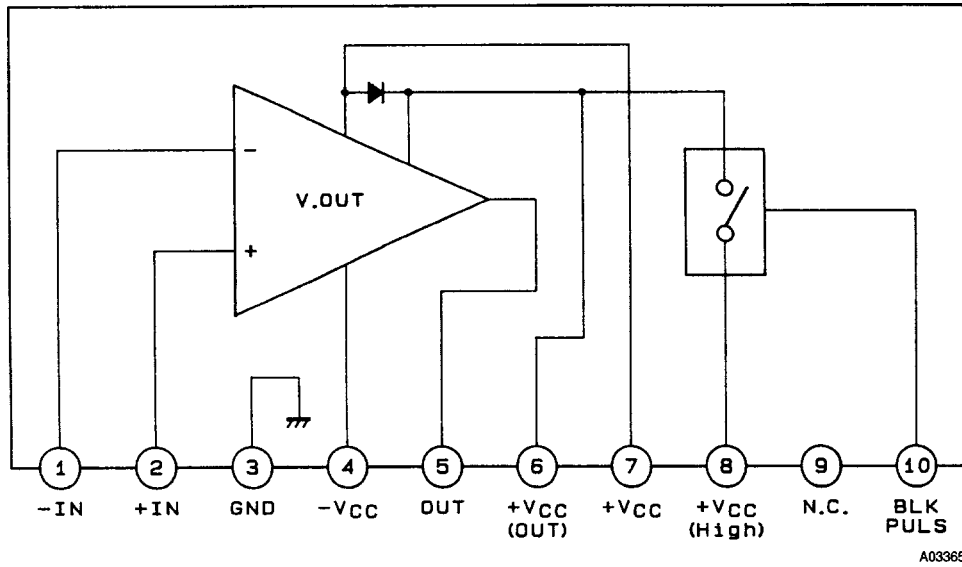


STK792-110

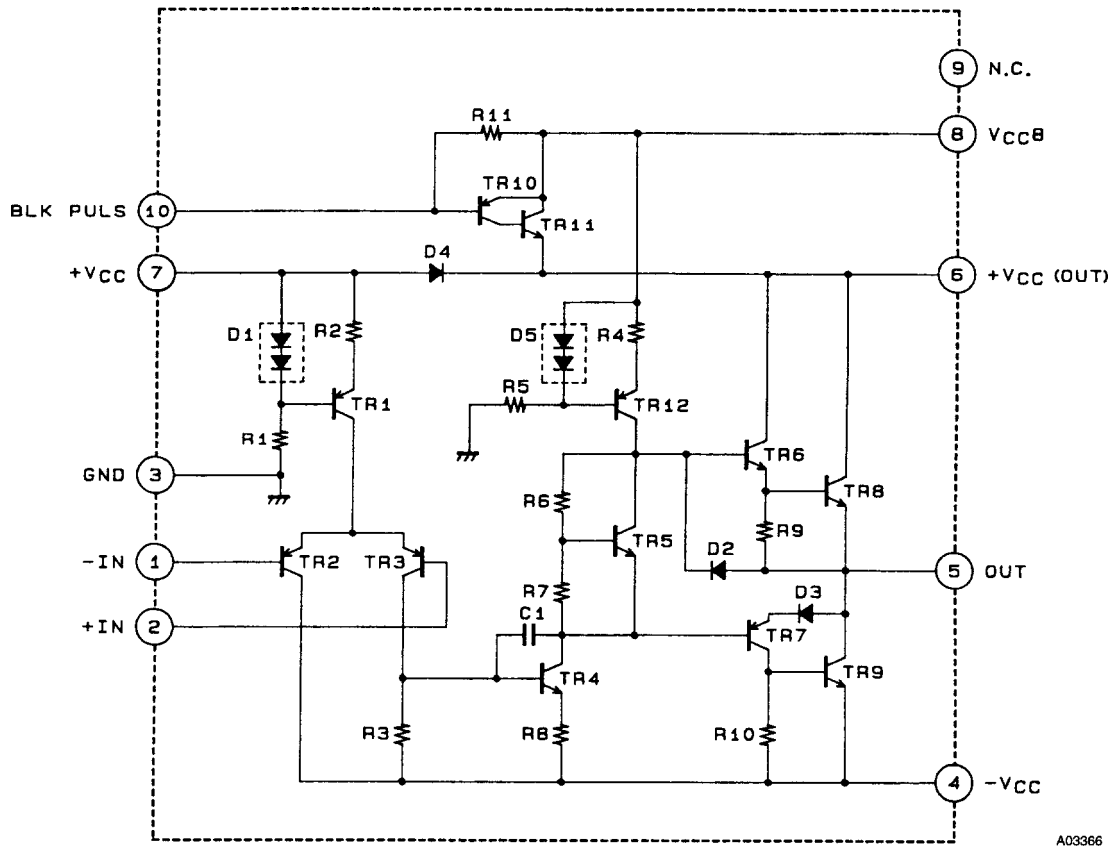
Electrical Characteristics at $T_a = 25^\circ\text{C}$, $\pm V_{CC}=20\text{V}$, $V_{CC8}=120\text{V}$

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Idling current	I_{CCO7}			15	30	mA
Neutral voltage	V_{N5}		-50		+50	mV
Deflection output saturation voltage (lower)	V_{sat5-4}	Between pins 5 and 4, $I_5=+1.1\text{A}$		2.2	3.0	V
Deflection output saturation voltage (upper)	V_{sat6-5}	Between pins 6 and 5, $I_5=+1.1\text{A}$		1.0	2.0	V
Supply switching circuit saturation voltage	V_{sat8-6}	Between pins 8 and 6, $I_8=+1.1\text{A}$		1.0	2.0	V

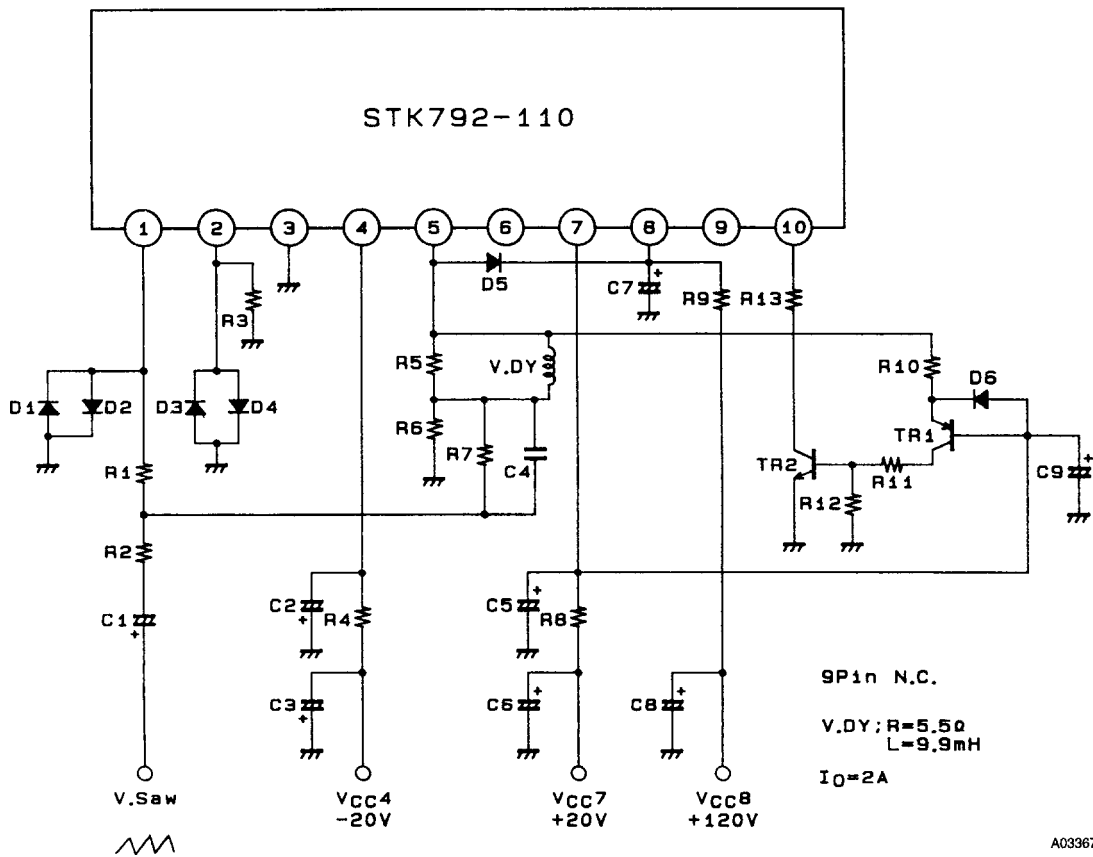
Block Diagram



Equivalent Circuit



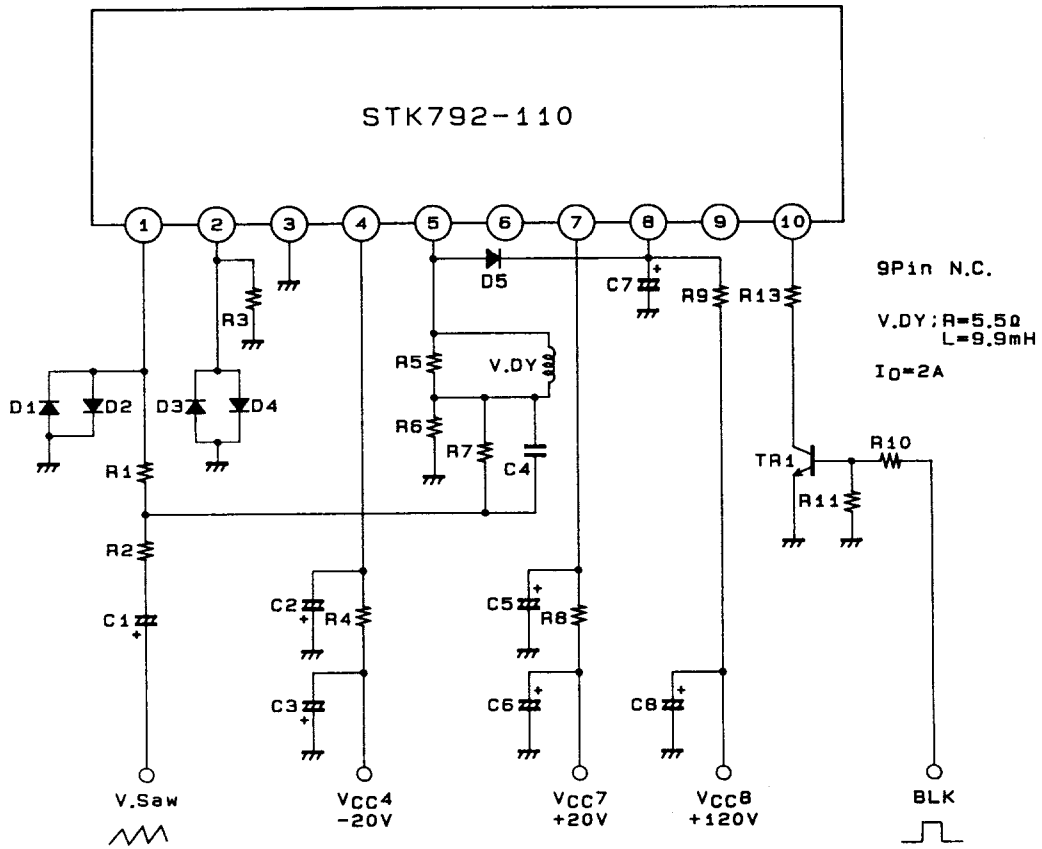
Sample Application Circuit (1)



A03367

TR1	2SA1209	R1	2.7kΩ	C1	22μF/16V
TR2	2SC2911	R2	4.7kΩ	C2	1000μF/35V
		R3	4.7kΩ	C3	100μF/50V
D1	DS442	R4	1.8Ω/1W	C4	0.0022μF
D2	DS442	R5	680Ω/12W	C5	1000μF/35V
D3	DS442	R6	1.1Ω/1W	C6	100μF/50V
D4	DS442	R7	2.2kΩ	C7	22μF/160V
D5	DFC15	R8	1.8Ω/1W	C8	1μF/160V
D6	DS442	R9	470Ω/2W	C9	22μF/50V
		R10	10kΩ		
		R11	10kΩ		
		R12	3.3kΩ		
		R13	10kΩ		

Sample Application Circuit (2)



A03368

TR1	2SC2911	R1	2.7kΩ	C1	22μF/16V
D1	DS442	R2	4.7kΩ	C2	1000μF/35V
D2	DS442	R3	4.7kΩ	C3	100μF/50V
D3	DS442	R4	1.8Ω/1W	C4	0.0022μF
D4	DS442	R5	680Ω/12W	C5	1000μF/35V
D5	DFC15	R6	1.1Ω/1W	C6	100μF/50V
		R7	2.2kΩ	C7	22μF/160V
		R8	1.8Ω/1W	C8	1μF/160V
		R9	470Ω/2W		
		R10	4.7kΩ		
		R11	4.7kΩ		
		R12	10kΩ		

- Specifications of any and all SANYO products described or contained herein stipulate the performance, characteristics, and functions of the described products in the independent state, and are not guarantees of the performance, characteristics, and functions of the described products as mounted in the customer's products or equipment. To verify symptoms and states that cannot be evaluated in an independent device, the customer should always evaluate and test devices mounted in the customer's products or equipment.
- SANYO Electric Co., Ltd. strives to supply high-quality high-reliability products. However, any and all semiconductor products fail with some probability. It is possible that these probabilistic failures could give rise to accidents or events that could endanger human lives, that could give rise to smoke or fire, or that could cause damage to other property. When designing equipment, adopt safety measures so that these kinds of accidents or events cannot occur. Such measures include but are not limited to protective circuits and error prevention circuits for safe design, redundant design, and structural design.
- In the event that any or all SANYO products(including technical data, services) described or contained herein are controlled under any of applicable local export control laws and regulations, such products must not be exported without obtaining the export license from the authorities concerned in accordance with the above law.
- No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, or any information storage or retrieval system, or otherwise, without the prior written permission of SANYO Electric Co., Ltd.
- Any and all information described or contained herein are subject to change without notice due to product/technology improvement, etc. When designing equipment, refer to the "Delivery Specification" for the SANYO product that you intend to use.
- Information (including circuit diagrams and circuit parameters) herein is for example only ; it is not guaranteed for volume production. SANYO believes information herein is accurate and reliable, but no guarantees are made or implied regarding its use or any infringements of intellectual property rights or other rights of third parties.

This catalog provides information as of October, 1999. Specifications and information herein are subject to change without notice.