

“Давление в п/г та

X1:6

The diagram illustrates the circuitry of the 'Lamp' electronic device. It features a power supply section with a 220V AC input, a fuse **FU1**, and a switch **KV1**. The power is rectified and filtered by **VD1** and **VD3** to provide a positive supply, and by **VD2** and **VD4** to provide a negative supply. A 220V AC transformer **TV1** with two 18V secondary windings is connected in series with the positive supply line. The primary winding of **TV1** is connected to the AC input. The 18V lines are protected by fuses **FU2** and **FU3**. The negative supply line is connected to the common ground rail.

The logic control section is powered by the 18V lines. It includes two operational amplifiers **VU1** and **VU2** with resistors **R1** and **R2**. The outputs of **VU1** and **VU2** are connected to the inputs of a 4017 counter **DD1.1**. The counter's outputs are connected to a 4017 counter **DD1.2**. The outputs of **DD1.2** are connected to a 4017 counter **DD1.3** and a 4017 counter **DD1.4**. The outputs of **DD1.3** and **DD1.4** are connected to a 4017 counter **DD1.1**. The outputs of **DD1.1** are connected to a 4017 counter **DD2.1** and a 4017 counter **DD2.2**. The outputs of **DD2.1** and **DD2.2** are connected to a 4017 counter **DD2.3** and a 4017 counter **DD2.4**. The outputs of **DD2.3** and **DD2.4** are connected to a 4017 counter **DD1.1**.

The output stage consists of two transistors **VT1** and **VT2**. Transistor **VT1** is controlled by the output of **DD1.3** and **DD1.4** through resistors **R13** and **R14**. Transistor **VT2** is controlled by the output of **DD2.3** and **DD2.4** through resistors **R18** and **R19**. The outputs of **VT1** and **VT2** are connected to the common ground rail.

The circuit also includes several diodes (**VD5**, **VD6**, **VD7**, **VD8**, **VD9**, **VD10**, **VD11**, **VD12**, **VD13**, **VD14**, **VD15**, **VD16**) and capacitors (**C1** through **C10**) for protection and filtering.

X2:1

100

- 1.Выходы 7 микросхем DD1,DD2 подключить к цепи общий, выходы 14 микросхем DD1,DD2 подключить к цепи +9,1В.
- 2.Перемычки установить на контакты 2-3, 5-6.

2. Перемычки установить на контакты 2-3, 5-6

BK754.09.33033

				<p style="text-align: center;">ВК754.09.33033</p> <p style="text-align: center;">Плата парогенератора Схема электрическая принципиальная</p>	Лист	Масса	Масштаб	
Изм.	Лист	№ докум.	Подп.					Дата
Разраб.	Пилат					A	-	-
Проб.	Андреев					Лист		Листов
Н. контр.	Морозов							1
Утв.	Пенягин							
								ОАО "Тюменский завод медицинского оборудования и инструментов"