

**VSP-Mikron, Russia**  
**IC catalogue (dice on 4" wafers)**

Part	Die size	Function	Technology
<b>Positive Voltage Regulators</b>			
78xx	2,0x2,0	1,5 A regulator (Vout = 5; 6; 8; 9; 10; 12; 15; 18; 24 V)	Bipolar
78xxnd2	1,27x1,57	1,5 A regulator (Vout = 5; 6; 8; 9; 10; 12; 15; 18; 24 V)	Bipolar
78Lxx	1,2x1,0	0,1 A regulator (Vout = 5; 6; 8; 9; 10; 12; 15; 18; 24 V)	Bipolar
78Lxxnd	0,8x0,75	0,1 A regulator (Vout = 5; 6; 8; 9; 10; 12; 15; 18; 24 V)	Bipolar
78Mxx	1,27x1,57	0,5 A regulator (Vout = 5 V)	Bipolar
<b>Negative-Voltage Regulators</b>			
79Lxx	1,15x1,35	0,1 A regulator (Vout = 5; 6; 8; 9; 10; 12; 15; 18; 24 V)	Bipolar
79Lxxnd	0,85x0,85	0,1 A regulator (Vout = 5; 6; 8; 9; 10; 12; 15; 18; 24 V)	Bipolar
79xx	2,0x2,0	1,5 A regulator (Vout = 5; 6; 8; 9; 10; 12; 15; 18; 24 V)	Bipolar
<b>DC-to-DC Converter Control Circuits</b>			
34063And	1,72x1,82	Iout=1.5 A	Bipolar
<b>Positive Adjustable Voltage Regulators</b>			
LM317	2,45x1,85	1,5 A regulator (Vout = 1.2-37.0 V)	Bipolar
LM317nd	1,55x2,0	1,5 A regulator (Vout = 1.2-37.0 V)	Bipolar
LM317L	1,0x1,6	0,1 A regulator (Vout = 1.2-37.0 V)	Bipolar
<b>Adjustable Precision Shunt Regulators</b>			
AS431D+	1.03x0.85	Iout=1-100 mA	Bipolar
<b>Low Dropout Positive Voltage Regulators</b>			
CS5201M-xx	1,19x1,6	Iout=1A, Vout = Adj; 1,5; 1,8; 2,5; 2,85; 3,0; 3,3; 5,0	Bipolar
CS5203-xx	2,24x2,18	Iout=3A, Vout = Adj; 1,5; 1,8; 2,5; 2,85; 3,0; 3,3; 5,0	Bipolar
CS5205-xx	3,1x1,82	Iout=5A, Vout = Adj; 1,5; 1,8; 2,5; 2,85; 3,0; 3,3; 5,0	Bipolar
LP2950-xx, LP2951-xx	2,05x1,15	100 mA regulator (Vout = 1,5; 1,8; 2,5; 3,0; 3,3; 5,0; 8,0; 9,0; 12,0V)	Bipolar
<b>Operational Amplifiers</b>			
LM324M	1,09x1,12	Quad operation amplifier	Bipolar
LM358M	0,8x0,95	Dual operation amplifier	Bipolar
LM358nd	0,93x0,67	Dual operation amplifier	Bipolar
<b>Comparators</b>			
LM339M	0,92x0,90	Quad comparator	Bipolar
LM393M	0,70x0,70	Dual comparator	Bipolar
<b>Low Voltage Audio Power Amplifier</b>			
LM386M	1,12x0,99		Bipolar
<b>Tone Ringer</b>			
2410nd	1,25x1,25		Bipolar
2411nd	1,25x1,25		Bipolar
<b>Pulse-Width-Modulation Controllers</b>			
3842AM, 3842BW	2,38x1,65	High performance Current Mode PWM Controller	Bipolar
3843AM, 3843BW	2,38x1,65	High performance Current Mode PWM Controller	Bipolar
3844AM, 3844BW	2,38x1,65	High performance Current Mode PWM Controller	Bipolar
3845AM, 3845BW	2,38x1,65	High performance Current Mode PWM Controller	Bipolar

All wafers may be 460 um thickness and without metall on the back side or 280 um thickness and Ti-Ni-Ag on the back side.

We are ready for cooperation.

VSP-Mikron, 394033, Russia, Voronezh, Leninsky pr., 119a, tel/fax +7 4732 231109, e-mail: exp@vsp-mic.vrn.ru