

# W&S - Supervisorics Product Table

Product	Reset Threshold (V)	Accuracy	Reset Time out Period (ms)	Watchdog Time Out Period	Supply Current ( $\mu$ A)	Output Type			Package					
						/RESET Push Pull	/RESET Open Drain	RESET Push Pull	S08	SOT143-4	SOT23-3	SOT23-5	SC70-3	SC70-4
<b>VOLTAGE DETECTORS ICs</b>														
EM6352	1.31/ 1.38/ 1.57/ 1.66/ 1.80/ 2.20/ 2.26/ 2.63/ 2.93/ 3.08/ 4.40/ 4.63	+/-1.5%	0		2.7	◆	◆	◆			◆	◆	◆	◆
V6340	2.6/ 3.0/ 3.7/ 4.4	+/-2.5%	0		38	◆	◆	◆			◆			
<b>RESET ICs</b>														
EM6353	1.31/ 1.38/ 1.57/ 1.66/	+/-1.5%	25/200		2.7	◆	◆	◆			◆			◆
EM6354	1.80/ 2.20/ 2.26/ 2.63/	+/-1.5%	ADJ		2.7	◆	◆	◆				◆		
EM6325	2.93/ 3.08/ 4.40/ 4.63	+/-1.5%	1.6/25/200/1600		2.9	◆	◆	◆		◆		◆		◆
<b>WATCHDOG and Manual RESET ICs</b>														
EM6323	1.31V to 4.63V	+/-1.5%	1.6/25/200/1600	6.2/102ms, 1.6/25.6s	2.7	◆	◆	◆				◆		
EM6324	1.31V to 4.63V	+/-1.5%	1.6/25/200/1600	6.2/102ms, 1.6/25.6s	2.7	◆	◆	◆				◆		
H6060	1.95V or 2.0V					◆	◆	◆	◆					
H6061	Adj with 2R (VREF=1.95V)	+/-5.5%	100	ADJ	80	◆	◆	◆	◆					

Ideal for Automotive

<b>WINDOW WATCHDOG &amp; LDO ICs</b>											
	REGULATOR			WATCHDOG				OTHERS			
	Output Voltage (V)	Max Output Current (mA)	Vin max (V)	Reset Threshold	Watchdog Time (ms)	Close/Open Window	Supply Voltage (V)	Stand By ( $\mu$ A)	Temp ( $^{\circ}$ C)	Package	Extra
EM6151	-	-	-	Adj with 2R	Adj with 1R	67%/33% 33%/67%	1.2-5.5	35	-40+125	S08	CAN Bus Sleep
EM6152	5	400	40	Adj with 2R	Adj with 1R	67%/33% 33%/67%	2.3-40	145	-40+125	PSOP16 S08	
EM6152A	5	150	40	Adj with 2R	Adj with 1R	67%/33% 33%/67%	3.5-40	80	-40+125	S08 EPSO16	
EM6153	5	150	40	Adj with 2R	Adj with 1R	67%/33% 33%/67%	3.5-40	1 80	-40+125	EPSO16	Inhibit input
EM6156	5	120	40	2.9, 3.0, 4.4, 4.6	Fixed for 4 levels	67%/33%	3.5-40	1 80	-40+125	EPSO16	

# W&S – Window Watchdog & LDO

## Selection Guide

Ideal for Automotive

	Version	Regulator				Watchdog					Others				Status	
		Output Voltage (V)	Max Output Current (mA)	Vin max (V)	Max Drop out (mV)	Vref (V)	Accuracy	Reset Threshold	Watchdog Time (ms)	Close/Open Window	Supply Voltage (V)	Stand By (µA)	Temp (°C)	Package		Extra
EM6151	V30	-	-	-	-	1.17	+/-3%	Adj with 2R	Adj with 1R	67%/33%	1.2-5.5	35	-40+125	SO8		Production
	V50	-	-	-	-	1.52	+/-3%	Adj with 2R	Adj with 1R	67%/33%	1.2-5.5	35	-40+125	SO8		Production
	V53	-	-	-	-	1.52	+/-3%	Adj with 2R	Adj with 1R	33%/67%	1.2-5.5	35	-40+125	SO8		Production
	V55	-	-	-	-	1.275	+/-3%	Adj with 2R	Adj with 1R	67%/33%	1.2-5.5	25	-40+125	SO8	CAN Bus Sleep	Production
EM6152	V30	5	400 (1)	40	500	1.17	+/-3%	Adj with 2R	Adj with 1R	67%/33%	2.3-40	145	-40+125	PSOP16(4) SO8 (1)		Production
	V50	5	400 (1)	40	500	1.52	+/-3%	Adj with 2R	Adj with 1R	67%/33%	2.3-40	145	-40+125	PSOP16(4) SO8 (1)		Production
	V53	5	400 (1)	40	500	1.52	+/-3%	Adj with 2R	Adj with 1R	33%/67%	2.3-40	145	-40+125	PSOP16(4) SO8 (1)		Production
	V55	5	400 (1)	40	500	1.275	+/-3%	Adj with 2R	Adj with 1R	67%/33%	2.3-40	135	-40+125	SO8 (1)	CAN Bus Sleep	Production
EM6152A	V50	5	150 (1)	40	500	1.52	+/-3%	Adj with 2R	Adj with 1R	67%/33%	3.5-40	80	-40+125	EPSO16(3)		Production
	V53	5	150 (1)	40	500	1.52	+/-3%	Adj with 2R	Adj with 1R	33%/67%	3.5-40	90	-40+125	EPSO16(3)		Production
	V55	5	150 (1)	40	500	1.275	+/-3%	Adj with 2R	Adj with 1R	67%/33%	3.5-40	90	-40+125		CAN Bus Sleep	On demand
EM6153	V50	5	150 (1)	40	500	1.52	+/-3%	Adj with 2R	Adj with 1R	67%/33%	3.5-40	1 (2) 80	-40+125	EPSO16(3)	Inhibit input	Production
	V53	5	150 (1)	40	500	1.52	+/-3%	Adj with 2R	Adj with 1R	33%/67%	3.5-40	1 (2) 90	-40+125	EPSO16(3)	Inhibit input	Production
	V55	5	150 (1)	40	500	1.275	+/-3%	Adj with 2R	Adj with 1R	67%/33%	3.5-40	1 (2) 90	-40+125	EPSO16(3)	Inhibit input, CAN Bus sleep	On demand
EM6156	<b>New</b>	5	120 (1)	40	250	2.9 3.0 4.4 4.6	+/-3%	Fixed for 4 levels	Fixed for 4 levels	67%/33%	3.5-40	1 (2) 80	-40+125	EPSO16(3)	Inhibit input	On Qualification

**Common features: Reset Output : Open drain active Low, Green Package (ROHS compliant)**

**Notes :** 1- Depends on operating Vin, temperature and Voltage Input and package  
 2- Regulator and watchdog are OFF  
 3- EPSO16: Exposed Pad SO16  
 4- PSOP16: Power SO16