

W&S - Supervisorics Product Table

Product	Reset Threshold (V)	Accuracy	Reset Time out Period (ms)	Watchdog Time Out Period	Supply Current (µA)	Output Type			Package					
						/RESET Push Pull	/RESET Open Drain	RESET Push Pull	SO8	SOT143-4	SOT23-3	SOT23-5	SC70-3	SC70-4
VOLTAGE DETECTORS ICs														
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	◆	◆	◆			◆	◆	◆	◆
RESET ICs														
EM6353	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%	25/200		2.7	◆	◆	◆			◆			◆
EM6354	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%	ADJ		2.7	◆	◆	◆			◆			
EM6325	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%	1.6/25/200/1600		2.9	◆	◆	◆		◆		◆		◆
WATCHDOG and Manual RESET ICs														
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	Adj with 2R (VREF=1.95V)	+/-5.5%	100	ADJ	80	◆	◆	◆	◆					
H6061						◆	◆	◆	◆					

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WINDOW WATCHDOG & LDO ICs											
	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 (µA)	Temp (°C)	Package	Extra
EM6151	-	-	-	Adj with 2R	Adj with 1R	67%/33% 33%/67%	1.2-5.5	35	-40+125	SO8	CAN Bus Sleep
EM6152	5	400	40	Adj with 2R	Adj with 1R	67%/33% 33%/67%	2.3-40	145	-40+125	PSOP16 SO8	
EM6152A	5	150	40	Adj with 2R	Adj with 1R	67%/33% 33%/67%	3.5-40	80	-40+125	SO8 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

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	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	New	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- EPSOP16: Exposed Pad SO16
 4- PSOP16: Power SO16