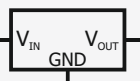
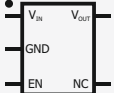
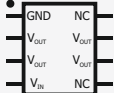
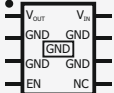
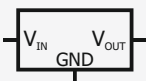
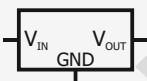
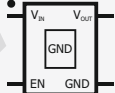
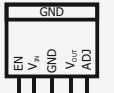
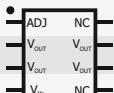
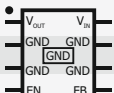
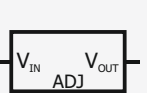
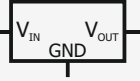
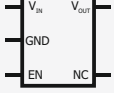
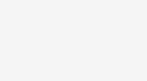
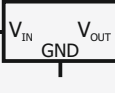
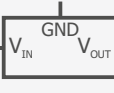
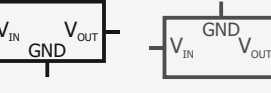
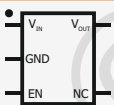
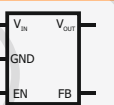
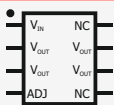
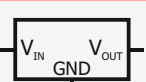
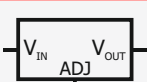


L x W [mm]		2.9 x 1.3		2.9 x 1.3		1.0 x 0.6		1.0 x 0.6		4.5 x 2.5		6.5 x 3.5		1.0 x 1.0		10.25 x 9		10.25 x 9		L x W [mm]	
Diode		SOT-23		SOT-23-5		SO-8		ESOP-8		SOT-89		SOT-223		QFN1x1		TO-263AB-5L D ² PAK-5L		TO-263AB D ² PAK		Diode	
Regulator																				Regulator	
		Pitch 1.9		Pitch 0.95 0.95		Pitch 0.65		Pitch 0.65		Pitch 1.5 1.5		Pitch 2.3 2.3		Pitch 0.65		Pitch 1.27		Pitch 5.08			
I _o Tol.		Positive		Positive		Positive		Positive		Positive		Positive		Positive		Adjustable		Positive Negative		I _o Tol.	
V _o																				V _o	
LDO Voltage	1.2..1.5	Fixed		LDI92-1.2EN	Fixed	LDI734C1.2EN*	LDI1117-1.2D	LDI1117-1.5D	Fixed	LDI1117-1.2U	LDI1117-1.5U	LDI1117-1.2H	LDI1117-1.5H	Fixed		1.24 ... 15				1.2..1.5	
	1.8	DI62061.8S1	DI62061.8S2	LDI92-1.8EN	LDI92-B1.8EN	LDI734C1.8EN*	LDI1117-1.8D			LDI1117-1.8U		LDI1117-1.8H	Fixed	LDI734C1.8ENG*						1.8	
	2.5	DI62062.5S1	DI62062.5S2			LDI734C2.5EN*	LDI1117-2.5D			LDI1117-2.5U		LDI1117-2.5H		300 mA 1%		3 A 2%		1 A 4%		2.5	
	2.8	DI62062.8S1	DI62062.8S2			LDI734C2.8EN*	LDI1117-3.3D			1 A 1%	Fixed	1 A 1%		LDI734C3.0ENG*						3.0	
	3.0	DI62063.0S1	DI62063.0S2	LDI92-3.0EN	LDI92-B3.0EN	LDI734C3.0EN*	1 A 1%		80 mA 1.5%	LDI1117-3.3U	LDI812C-3.3UA*	LDI1117-3.3H		LDI734C3.3ENG*	LDI0320-ADEEN					3.3	
	3.3	DI62063.3S1	DI62063.3S2	LDI92-3.3EN	LDI92-B3.3EN	LDI734C3.3EN*	Fixed		LDI67-3.3EN	LDI8233-05U	LDI75L3.3UA									...	
	3.6	DI62063.6S1	DI62063.6S2	LDI92-3.6EN	LDI92-B3.6EN					LDI1117-05U	LDI75L05UA	LDI1117-05H								5.0	
5.0..8.0							LDI1117-05D	LDI67-05EN	LDI67-08EN	LDI75L12UA								DI7912D2		12 [V]	
		1%	2%	1%	2%	1%	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	6.6 x 6		4.6 x 4.6					
		60...200 mA		0.4 A	0.5 A	0.3 A															
				LDO = Low Drop-Out Regulator High efficient linear voltage regulator where output voltage is stable regulated even when input voltage comes close to it.			1.25 ... 13.65	1 A 1%	1.3 ... 15	1 A 2%	1.25 ... 13.65	1 A 1%	1.25 ... 13.65	1 A 1%	Pitch 2.3		Pitch 1.27 Bulk				
[V]							LDI1117-ADD	LDI55-ADEEN		LDI1117-ADU		LDI1117-ADH									
I _o Tol.		Positive		Positive		Positive Negative		Positive Negative		Positive Negative		Positive Negative		Positive Negative		Positive Negative		Positive Negative		I _o Tol.	
V _o																				V _o	
LDO Voltage	1.8..2.5	LDI75-1.8EN		LDI559-1.8EN	LDI51-1.8EN	LDI8119-2.5EN	Fixed	Fixed		Fixed	Fixed			Fixed	Fixed	Fixed	Fixed	Fixed	Fixed		
	3.0	Fixed		LDI559-3.0EN	LDI51-3.0EN	LDI8233-3.0EN	100 mA 5%	100 mA 5%		100 mA 5%	100 mA 5%			1.5 A 4%	500 mA 4%	100 mA 5%	100 mA 5%			V _o	
	3.0..3.3	LDI75-3.3EN		LDI559-3.3EN	LDI54-3.0EN	LDI8119-3.3EN						Voltage Regulators									
	3.3			LDI812C-3.3SFA*	LDI54-3.3EN	LDI8233-3.3EN	DI78L3.3DAB	App Note 		DI78L3.3UAB							DI78L3.3ZAB				
	3.6..4.0			LDI559-3.6EN	LDI51-4.0EN	LDI8233-3.6EN														3.3	
	5.0	LDI75-5.0EN		LDI812C-5.0SFA*	LDI54-5.0EN	LDI8119-05EN	DI78L05DAB	DI79L05DAB	Standard Voltage Regulators Advantage over DC-DC converters: + Simple design + No switching noise (EMI) + No inductive elements	DI78L05UAB	DI79L05UAB			DI78M05D1	DI79M05D1	DI78L05ZAB	DI79L05ZAB	5.0			
	6.0					LDI8233-05EN	DI78L06DAB	DI79L06DAB		DI78L06UAB	DI79L06UAB			DI78M06D1		DI78L06ZAB	DI79L06ZAB	6.0			
	8.0				0.35 A 2%		DI78L08DAB	DI79L08DAB		DI78L08UAB	DI79L08UAB			DI78M08D1		DI78L08ZAB	DI79L08ZAB	8.0			
	9.0			0.3 A 2%	0.50 A 2%	0.1 A 1%	DI78L09DAB	DI79L09DAB		DI78L09UAB	DI79L09UAB			DI78M09D1		DI78L09ZAB	DI79L09ZAB	9.0			
	10				LDOs		DI78L10DAB	DI79L10DAB		DI78L10UAB	DI79L10UAB					DI78L10ZAB	DI79L10ZAB	10			
	12	Adjustable Precision Shunt Regulators		50 mA 2%			DI78L12DAB	DI79L12DAB		DI78L12UAB	DI79L12UAB			DI78M12D1		DI78L12ZAB	DI79L12ZAB	12			
	15				Fixed		DI78L15DAB	DI79L15DAB		DI78L15UAB	DI79L15UAB			DI78M15D1	DI79M15D1	DI78L15ZAB	DI79L15ZAB	15			
18	Temperature Compensated Voltage References. Usage e. g. secondary side regulation of Flyback converter.					DI78L18DAB	DI79L18DAB		DI78L18UAB	DI79L18UAB			DI78M18D1		DI78L18ZAB	DI79L18ZAB	18				
[V]	24						DI78L24DAB	DI79L24DAB		DI78L24UAB	DI79L24UAB					DI78L24ZAB	DI79L24ZAB	24 [V]			
I _k Tol.		Adjustable	Fixed	Positive Adjustable		Adjustable				Positive		Adjustable		Adjustable				Products in bold are available in AEC-Q101 qualified version – add suffix -AQ –		I _k Tol.	
V _o																					
Shunt		1.240 ... 20	1.240	Fixed	0.8 ... 5	1.25 ... 40				Fixed		1.25 ... 37		1.25 ... 37						V _o	
		20 mA 0.5%	20 mA 0.5%	600 mA 2%	600 mA 1%	100 mA 5%						1.5 A 5%		1.5 A 5%							
		MMTV431A	MMTV4041	LDI9650-1.8EN	LDI9650-ADEN	DI317-ADD	* Capacitor Free Regulators Allow for stable operation without the need of external capacitors			500 mA 5%		DI317H		DI317D1						1.8	
		2.495 ... 36	Shunt Regulators	LDI9650-3.3EN						DI78M05UAB										3.3	
[V]		100 mA 0.5%			500 mA 2%					DI78M06UAB										5.0	
		MMTL431A/B	** Reverse Pinning		LDI9332-ADEN															6.0 [V]	
		MMTL431AR/BR**																			