



Alfa-MOS Technology Corporation

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Alfa-MOS Technology Corporation
闡能科技股份有限公司
<http://www.alfa-mos.com>

About us



Background

Company is established in 2010, Nei-Hu Dist., Taipei, Taiwan, that is near to Taipei NeiHu Technology Park. Company has moved to **NanKang Sofeware Park (NKSP)** in 2011 Q2.

Technology

We specializes intellectual properties in the development of Advance **Trench POWER MOSFET & Power Management ICs**.

Production

There is the wonderful subcontractor for production, just like as the semiconductor procedure, professional assembly & quality control, and the cooperation is closely to each other.

Concentration

In the development of **Trench POWER MOSFET**, we dedicated our better to the development of extra-high density process, that could be designed as extra-low RDS(on), and be suitable for special & tiny package. On the other hands, that is low cost product & high performance.

Application

All of product , that is applied in wide electronic field, including portable electronic equipment, PC, Notebook ...etc. Specially, the LED Lighting & E-bike, we do the effort to support the high voltage & low RDS(on) **Trench POWER MOSFET**, that is the high efficiency for power control.

Environmentalist

To use the Halogen-Free and Excellent property for “green product”, the production are qualified by **SGS** and meets **RoHS** specifications.



ISO 9001:2008



DC-DC Converter (Synchronous)

Part No.	Specification Description	Vin	Vout	Isw	Freq.	Ignd	Ioff	Eff.	Package
		V	V	A	Hz	mA	μA	%	
AF7115	1.5MHz 1.5A/5V Sync. Step-Down Converter	2.5~6.5	Adj	3	1.5M	0.03	1	95	SOT-23-5L

DC-DC Converter (Asynchronous)

Part No.	Specification Description	Vin	Vout	Isw	Freq.	Ignd	Ioff	Eff.	Package
		V	V	A	Hz	mA	μA	%	
AF1201	300kHz 2A/23V Step-Down Converter	4.2~23	0.8~Vin	2	300K	2	1	92	SOP-8P
AF1202	300kHz 3A/23V Step-Down Converter	4.2~23	0.8~Vin	3	300K	2	1	92	SOP-8P
AF1202A	300kHz 2.6A/23V Step-Down Converter	4.2~23	0.8~Vin	2.6	300K	2	1	92	SOP-8P
AF1205	300kHz 4A/23V Step-Down Converter	4.2~23	0.8~Vin	4	300K	2	1	87	SOP-8P
AF1206	300kHz 5A/23V Step-Down Converter	4.2~23	0.8~Vin	5	300K	2	1	87	SOP-8P
AF1206A	300kHz 6A/23V Step-Down Converter	4.2~23	0.8~Vin	6	300K	2	1	87	DIP-8P
AF1209	300kHz 2A/28V Step-Down Converter	4.2~28	0.8~Vin	2	300K	2	10	92	SOP-8P
AF1210	150kHz 2A/40V Step-Down Converter	4.2~40	0.8~Vin	2	150K	1	1	87	SOP-8P
AF1210A	150kHz 2.4A/40V Step-Down Converter	4.2~40	0.8~Vin	2.4	150K	1	1	87	SOP-8P
AF1210B	150kHz 3.5A/40V Step-Down Converter	4.2~40	0.8~Vin	3.5	150K	1	1	87	SOP-8P
AF2576	52kHz 3A/40V Sync. Step-Down Voltage Regulator	40	Adj	3	52K	-	-	77	TO-252-5L
									TO-263-5L
									SOP-8P

Low Dropout Regulator (Bi-Polar)

Part No.	Specification Description	Vin	Vout	Iout	Vdrop	Ignd	PSRR	Acc.	Package
		V	V	A	V	A	dB	%	
AF1117A	1A/20V Low Dropout Positive Voltage Regulator	20	Adj	1	1.2	2m	60	±0.6	SOT-223

Low Dropout Regulator (CMOS)

Part No.	Specification Description	Vin	Vout	Iout	Vdrop	Ignd	PSRR	Acc.	Package
		V	V	A	V	A	dB	%	
AF2903	High PSRR, Low Noise 300mA COMS LDO	6.5	1.2	0.3	1.1	65 μ	70	±2	SOT-23-3L SOT-23-5L
			1.8		1.1				
			2.5		0.4				
			2.8		0.4				
			3.3		0.4				
AF2906	High PSRR, Low Noise 600mA COMS LDO	8	1.8	0.6	0.6	65 μ	60	±2	SOT-23-5L
			2.5						
			3.3						

POWER IC

White LED Driver DC-DC

Part No.	Specification Description	Vin	Vout	Isw	Freq.	Ignd	Ioff	Eff.	Package
		V	V	A	Hz	mA	μA	%	
AF1502	300kHz 2A/23V Step-Down White LED Driver	4.2~23	0.21	2	300K	2	1	95	SOP-8P
AF1502A	300kHz 2A/23V Step-Down White LED Driver	4.2~23	0.21	2	300K	2	1	95	SOP-8P
AF1503	150kHz 2A/40V Step-Down White LED Driver	4.2~40	0.21	2	150K	2	1	95	SOP-8P
AF1505	300kHz 2A/40V Step-Down White LED Driver	4.2~40	0.21	2	300K	2	1	95	SOP-8P
AF1860	52KHz 60V/1.5A~3.0A PWM Step-Down DC-DC LED Driver	5.5V~60	0.2	1.5	52K	5.3	-	90	SOP-8EP
				3					TO-263-5L
AF1937	20V White LED Step-up Converter	2.5~10	0.095	-	1.2M	1.9	-	84	SOT-23-5L
AF1937K	30V White LED Step-up Converter	2.5~10	0.095	-	1.2M	2.1	-	84	SOT-23-6L
AF7115	1.5MHz 1.5A/5V Sync. Step-Down Converter	2.5~6.5	0.6	3	1.5M	1	1	95	SOT-23-5L

AC-DC (non-isolation)

Part No.	Specification Description	Vin	Vout	Isw	Freq.	Ignd	Ioff	Eff.	Package
		V	V	A	Hz	mA	μA	%	
AF1800	300kHz 1A/500V PWM Universal High Brightness LED Driver	8~500	0.25	-	300K	500 μ	-	90	SOP-8P
									DIP-8P
AF1800A	300kHz 1A/600V PWM Universal High Brightness LED Driver	10~600	0.25	-	300K	500 μ	-	90	SOP-8P
AF1880	50mA/500V AC-DC Linear LED Driver	8~500	0.25	-	-	32 μ	-	90	SOT-223
									TO-252-2L
									TO-251

AC-DC (isolation)

Part No.	Specification Description	Vin	Vout	Isw	Freq.	Ignd	Ioff	Eff.	Package
		V	V	A	Hz	mA	μA	%	
AF1820	4-step or TRIAC Dimming, Without electrolyte Capacitor Offline LED Controller with Active PFC	10~600	-	-	-	2.5m	0.5	-	SOP-8P
AF1821	TRIAC Dimming, Primary Side Control Offline LED Controller with Active PFC	10.3~23	0.4	-	-	1m	-	-	SOP-8P

Shunt Reference Regulator

Part No.	Specification Description	VKA	Vref	IKA	ZKA	Acc.	Package
		V	V	mA	Ω	%	
AF431	2.5V Precision Adjustable Shunt Reference Regulator	36	2.5	250	0.2	± 0.4	SOT-23
AF431A	2.5V Precision Adjustable Shunt Reference Regulator	36	2.5	250	0.2	± 0.5	SOT-23
AF431N	2.5V Precision Adjustable Shunt Reference Regulator	36	2.5	250	0.2	± 0.4	SOT-23
AF431NA	2.5V Precision Adjustable Shunt Reference Regulator	36	2.5	250	0.2	± 0.5	SOT-23
AF432NA	1.24V Precision Adjustable Shunt Reference Regulator	20	1.24	100	0.05	± 0.5	SOT-23
AF432NB	1.24V Precision Adjustable Shunt Reference Regulator	20	1.24	100	0.05	± 1.0	SOT-23

Dual OPAMP and Voltage Regulator

Part No.	Specification Description	VKA	Vref	IKA	ZKA	Acc.	Package
		V	V	mA	Ω	%	
AF4300	20V(Vcc) / 2.5V(Vref)	3~36	2.5	0.2	0.2	1	SOP-8P
							DIP-8P

1. Vdrop : The dropout voltage is defined as $V_{in} - V_{out}$ with maximum output load.

2. PSRR to be measured at 1KHz

HV MOSFET

Package : SOT-23

Part No.	Type	VDSS	VGS	VTH		IDS 25°C mA	RDS(Max)		PD 25°C W	Package
				Min	Max		10V	0V		
		V	V	V	V		Ω	Ω		
AFN501DEA	N	600	20	1	2.7	30	700	700	0.5	SOT-23

Package : TO-251

Part No.	Type	VDSS	VGS	VTH		IDS 25°C mA	RDS(Max)		PD 25°C W	Package
				Min	Max		10V	0V		
		V	V	V	V		Ω	Ω		
AFN02N60	N	600	30	2	4	2	4.2	-	86	TO-251
AFN04N60	N	600	30	2	4	4	2.4	-	86	TO-251
AFN06N60	N	600	30	2	4	6	1.5	-	125	TO-251

Package : TO-220-3L

Part No.	Type	VDSS	VGS	VTH		IDS 25°C mA	RDS(Max)		PD 25°C W	Package
				Min	Max		10V	0V		
		V	V	V	V		Ω	Ω		
AFN02N60	N	600	30	2	4	2	4.2	-	100	TO-220-3L
AFN04N60	N	600	30	2	4	4	2.4	-	100	TO-220-3L
AFN07N65	N	650	30	2	4	7	1.4	-	145	TO-220-3L
AFN08N50	N	500	30	2	4	8	0.9	-	134	TO-220-3L
AFN08N65	N	650	30	2	4	8	1.4	-	150	TO-220-3L
AFN10N60	N	600	30	2	4	10	1	-	150	TO-220-3L
AFN10N65	N	650	30	2	4	10	1	-	156	TO-220-3L
AFN12N60	N	600	30	2	4	12	0.75	-	225	TO-220-3L
AFN12N65	N	650	30	2	4	12	0.8	-	225	TO-220-3L

Package : TO-220F-3L

Part No.	Type	VDSS	VGS	VTH		IDS 25°C mA	RDS(Max)		PD 25°C W	Package
				Min	Max		10V	0V		
		V	V	V	V		Ω	Ω		
AFN02N60	N	600	30	2	4	2	4.2	-	33	TO-220F-3L
AFN04N60	N	600	30	2	4	4	2.4	-	33	TO-220F-3L
AFN06N60	N	600	30	2	4	6	1.5	-	42	TO-220F-3L
AFN07N65	N	650	30	2	4	7	1.4	-	46	TO-220F-3L
AFN08N50	N	500	30	2	4	8	0.9	-	49	TO-220F-3L
AFN08N65	N	650	30	2	4	8	1.4	-	48	TO-220F-3L
AFN10N60	N	600	30	2	4	10	1	-	50	TO-220F-3L
AFN10N65	N	650	30	2	4	10	1	-	50	TO-220F-3L
AFN12N60	N	600	30	2	4	12	0.75	-	50	TO-220F-3L
AFN12N65	N	650	30	2	4	12	0.8	-	50	TO-220F-3L

Package : DFN2x2-6L (Single Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP2415WS	P	20	12	0.5	1	8.4	-	30	40	60	2.5	DFN2x2-6L
AFP2431WS	P	20	12	0.4	0.7	9.6	-	25	33	42	2.5	DFN2x2-6L
AFN2444WS	N	30	20	1	2.5	11	15	20	-	-	3.5	DFN2x2-6L
AFN2448WS	N	20	12	0.5	1.3	12	-	11	13	20	3.5	DFN2x2-6L

Package : DFN2x2-6L (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP2911W	P	20	12	0.3	0.8	4.5	-	96	128	180	1.56	DFN2x2-6L
	P	20	12	0.3	0.8	4.5	-	96	128	180		
AFP2913W	P	25	20	1	2.5	4.5	120	155	-	-	1.56	DFN2x2-6L
	P	25	20	1	2.5	4.5	120	155	-	-		
AFN2912W	N	20	12	0.3	0.8	4.5	-	50	60	78	1.56	DFN2x2-6L
	N	20	12	0.3	0.8	4.5	-	50	60	78		
AFC2519W	P	20	12	0.3	0.8	4.5	-	90	130	190	1.56	DFN2x2-6L
	N	20	12	0.3	0.8	4.5	-	50	60	80		

Package : DFN2x3-6L (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFN8206WS	N	20	12	0.4	1.2	11	-	10	12	20	1.56	DFN2x3-6L
	N	20	12	0.4	1.2	11	-	10	12	20		

Package : DFN2x3-8L (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFN4808W	N	20	12	0.3	0.8	6.2	-	30	35	42	1.56	DFN2x3-8L
	N	20	12	0.3	0.8	6.2	-	30	35	42		

Package : DFN2x5-6L (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFN5800	N	20	12	0.4	0.8	8	-	23	25	28	1.6	DFN2x5-6L
	N	20	12	0.4	0.8	8	-	23	25	28		
AFN5800W	N	20	12	0.4	0.8	8	19	20	24	28	1.6	DFN2x5-6L
	N	20	12	0.4	0.8	8	19	20	24	28		
AFN5808W	N	20	12	0.3	0.8	6.2	-	32	38	50	1.6	DFN2x5-6L
	N	20	12	0.3	0.8	6.2	-	32	38	50		

MOSFET

Package : DFN3x2-8L (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS	RDS(Max)				PD	Package
				Min	Max	25°C	10V	4.5V	2.5V	1.8V	25°C	
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFN5904W	N	20	12	0.3	0.8	4.5	-	50	60	78	6.5	DFN3x2-8L
	N	20	12	0.3	0.8	4.5	-	50	60	78		
AFN5908W	N	20	12	0.3	0.8	6.5	-	30	35	45	6.5	DFN3x2-8L
	N	20	12	0.3	0.8	6.5	-	30	35	45		
AFC4604W	P	20	12	0.3	0.8	4.5	-	98	130	195	6.5	DFN3x2-8L
	N	20	12	0.3	0.8	4.5	-	50	60	78		

Package : DFN3x3-8L (Single Channel)

Part No.	Type	VDSS	VGS	VTH		IDS	RDS(Max)				PD	Package
				Min	Max	25°C	10V	4.5V	2.5V	1.8V	25°C	
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP7617WS	P	30	20	1	3	16	10	16	-	-	2	DFN3x3-8L
AFP7619WS	P	30	20	1	2	10	18	28	-	-	2	DFN3x3-8L
AFN3302W	N	20	12	0.4	1	14	-	14	18	26	2	DFN3x3-8L
AFN3306WS	N	30	20	1	2	36	5.6	7.4	-	-	2	DFN3x3-8L
AFN3309WS	N	30	20	1	2	35	8	11	-	-	2	DFN3x3-8L
AFN3310W	N	30	12	0.7	1.8	16	17	19	-	-	2	DFN3x3-8L
AFN3316W	N	60	20	0.7	2.5	8	140	148	-	-	17	DFN3x3-8L
AFN3334WS	N	40	20	1	2.5	55	7.6	9.6	-	-	36	DFN3x3-8L

Package : DFN3x3-8L (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS	RDS(Max)				PD	Package
				Min	Max	25°C	10V	4.5V	2.5V	1.8V	25°C	
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP7923WS	P	30	12	0.6	1.1	8	55	75	95	-	2	DFN3x3-8L
	P	30	12	0.6	1.1	8	55	75	95	-		
AFN3806W	N	20	12	0.4	0.8	9	-	26	32	42	2	DFN3x3-8L
	N	20	12	0.4	0.8	9	-	26	32	42		
AFN3814W	N	20	12	0.4	1	9	-	14	18	30	2	DFN3x3-8L
	N	20	12	0.4	1	9	-	14	18	30		
AFC3326WS	P	30	20	1	2	8	60	80	-	-	2	DFN3x3-8L
	N	30	20	1.3	2.1	12	36	46	-	-		
AFC3346W	P	40	20	1	3	12	45	62	-	-	2	DFN3x3-8L
	N	40	20	1	3	15	26	32	-	-		
AFC3366W	P	60	20	0.8	2.5	8	105	115	-	-	2	DFN3x3-8L
	N	60	20	0.8	2.5	12	48	54	-	-		

Package : DFN3.3x3.3-8L (Single Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFN7106S	N	20	12	0.5	1	20	-	6.2	8.4	-	3.8	DFN3.3x3.3-8L
AFN7424S	N	30	20	1	2	20	5	7	-	-	3.8	DFN3.3x3.3-8L
AFN7472S	N	30	20	1	2	15	8.6	14	-	-	3.8	DFN3.3x3.3-8L
AFN7698	N	100	20	1	2	11	100	140	-	-	3.8	DFN3.3x3.3-8L

Package : DFN5x6-8L (Single Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFN6202S	N	30	20	1	2	23	5.2	7	-	-	48	DFN5x6-8L
AFN6236S	N	40	20	1	2	32	3.3	4.3	-	-	35	DFN5x6-8L
AFN6238S	N	40	20	1	2.5	22	7	9	-	-	22	DFN5x6-8L
AFN6248AS	N	60	20	2	4	18	8	10	-	-	7.4	DFN5x6-8L(A)
AFN6248S	N	60	20	2	4	18	7.5	9.2	-	-	7.4	DFN5x6-8L
AFN6506S	N	30	20	1	2	48	2.5	3.5	-	-	48	DFN5x6-8L
AFN6520S	N	30	20	1	2	16	7.6	12.4	-	-	35	DFN5x6-8L
AFN6530S	N	30	20	1	2	24	4.7	6.2	-	-	48	DFN5x6-8L

Package : DFN5x6-8L (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFC7540	P	20	12	0.4	1	9	-	33	42	56	3.5	DFN5x6-8L
	N	20	12	0.4	1	12	-	14	17	21		

Package : SOP-8P (Single Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP1810	P	100	20	1	2	2.5	230	245	-	-	2.8	SOP-8P
AFP4401S	P	40	20	1	2	10.2	13	16	-	-	2.8	SOP-8P
AFP4403	P	20	12	0.4	0.9	9	-	26	34	48	2.8	SOP-8P
AFP4403W	P	20	12	0.4	0.9	9	-	26	34	48	2.8	SOP-8P
AFP4435	P	30	20	1	2	10	28	45	-	-	2.8	SOP-8P
AFP4435W	P	30	20	1	2	10	30	45	-	-	2.8	SOP-8P
AFP4435S	P	30	20	1	2	9	18	26	-	-	2.8	SOP-8P
AFP4435WS	P	30	20	1	2	9	18	26	-	-	2.8	SOP-8P
AFP4637	P	40	20	1	3	6.8	37	54	-	-	2.8	SOP-8P
AFP4637W	P	40	20	1	3	6.8	37	54	-	-	2.8	SOP-8P

MOSFET

Package : SOP-8P (Single Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP9407	P	60	20	0.8	2.5	4.6	100	120	-	-	2.8	SOP-8P
AFP9407W	P	60	20	0.8	2.5	4.6	100	120	-	-	2.8	SOP-8P
AFP9434WS	P	20	12	0.4	0.8	6.5	-	42	68	72	2.8	SOP-8P
AFP9435S	P	30	20	1	2.5	6	52	76	-	-	2.8	SOP-8P
AFP9435WS	P	30	20	1	2.5	6	58	78	-	-	2.8	SOP-8P
AFP9566W	P	40	20	1	2	5	80	105	-	-	2.8	SOP-8P
AFN4048WS	N	30	20	1	2	15	8	10	-	-	2.8	SOP-8P
AFN4102W	N	100	20	1	2.5	3.8	158	175	-	-	2.8	SOP-8P
AFN4124WS	N	40	20	1	2	14	8	9	-	-	2.8	SOP-8P
AFN4134	N	30	20	0.5	1.8	12	15	20	-	-	2.8	SOP-8P
AFN4134W	N	30	20	0.5	1.8	12	16	18	-	-	2.8	SOP-8P
AFN4172S	N	30	20	1	2	15	12	15	-	-	2.8	SOP-8P
AFN4172WS	N	30	20	1	2	15	12	15	-	-	2.8	SOP-8P
AFN4412	N	30	20	1	2	7.6	35	42	-	-	2.8	SOP-8P
AFN4412W	N	30	20	1	2	7.6	35	42	-	-	2.8	SOP-8P
AFN4422	N	30	12	0.4	1	6.8	36	42	50	-	2.8	SOP-8P
AFN4422W	N	30	12	0.4	1	6.8	36	42	50	-	2.8	SOP-8P
AFN4424	N	40	20	1.5	3	8	22	36	-	-	2.8	SOP-8P
AFN4424W	N	40	20	1.5	3	8	22	28	-	-	2.8	SOP-8P
AFN4440	N	60	20	1	2.5	6.8	42	50	-	-	2.8	SOP-8P
AFN4440W	N	60	20	1	2.5	6.8	42	50	-	-	2.8	SOP-8P
AFN4486	N	20	12	0.35	1	9	-	14	17	21	2.8	SOP-8P
AFN4486W	N	20	12	0.4	1	9	-	14	17	21	2.8	SOP-8P
AFN4546	N	40	20	1	2	6.8	52	70	-	-	2.8	SOP-8P
AFN4546W	N	40	20	1	2	6.8	52	70	-	-	2.8	SOP-8P
AFN4634WS	N	30	20	1	2	18	5.8	7.2	-	-	2.8	SOP-8P
AFN4822S	N	30	20	1.3	2.1	6	30	42	-	-	2.8	SOP-8P
AFN4822WS	N	30	20	1.3	2.1	6	34	44	-	-	2.8	SOP-8P
AFN4850WS	N	60	20	1	2	8.5	20	28	-	-	2.8	SOP-8P
AFN4874WS	N	60	20	2	4	12	11	-	-	-	2.8	SOP-8P
AFN4896	N	100	20	0.5	2.5	6.8	115	125	-	-	2.8	SOP-8P
AFN4896W	N	100	20	0.5	2.5	6.8	120	130	-	-	2.8	SOP-8P
AFN4996	N	90	20	1	2.5	7.6	68	75	-	-	2.8	SOP-8P
AFN4996W	N	90	20	1	2.5	7.6	68	75	-	-	2.8	SOP-8P

Package : SOP-8P (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP4535	P	40	20	1	3	6.8	35	50	-	-	2.8	SOP-8P
	P	40	20	1	3	6.8	35	50	-	-		
AFP4535W	P	40	20	1	3	6.8	35	50	-	-	2.8	SOP-8P
	P	40	20	1	3	6.8	35	50	-	-		
AFP4925	P	30	20	0.5	1.8	7.2	28	37	-	-	2.8	SOP-8P
	P	30	20	0.5	1.8	7.2	28	37	-	-		
AFP4925W	P	30	20	0.5	1.8	7.2	30	36	-	-	2.8	SOP-8P
	P	30	20	0.5	1.8	7.2	30	36	-	-		
AFP4925S	P	30	20	1	2	7.5	18	26	-	-	2.8	SOP-8P
	P	30	20	1	2	7.5	18	26	-	-		
AFP4925WS	P	30	20	1	2	8	18	26	-	-	2.8	SOP-8P
	P	30	20	1	2	8	18	26	-	-		
AFP4943WS	P	20	12	0.4	1	9	-	25	32	38	2.8	SOP-8P
	P	20	12	0.4	1	9	-	25	32	38		
AFP4948	P	60	20	0.8	2.5	4	100	120	-	-	2.8	SOP-8P
	P	60	20	0.8	2.5	4	100	120	-	-		
AFP4948W	P	60	20	0.8	2.5	4	100	120	-	-	2.8	SOP-8P
	P	60	20	0.8	2.5	4	100	120	-	-		
AFP4953S	P	30	20	1	2.5	5.4	52	76	-	-	2.8	SOP-8P
	P	30	20	1	2.5	5.4	52	76	-	-		
AFP4953WS	P	30	20	1	2.5	5.4	60	80	-	-	2.8	SOP-8P
	P	30	20	1	2.5	5.4	60	80	-	-		
AFN4210	N	30	20	1	2	6.8	35	42	-	-	2.8	SOP-8P
	N	30	20	1	2	6.8	35	42	-	-		
AFN4210W	N	30	20	1	2	6.8	32	40	-	-	2.8	SOP-8P
	N	30	20	1	2	6.8	32	40	-	-		
AFN4214	N	30	20	0.5	1.8	9	15	20	-	-	2.8	SOP-8P
	N	30	20	0.5	1.8	9	15	20	-	-		
AFN4214W	N	30	20	0.5	1.8	9	16	18	-	-	2.8	SOP-8P
	N	30	20	0.5	1.8	9	16	18	-	-		
AFN4228	N	20	12	0.4	1	8	-	12	15	20	2.8	SOP-8P
	N	20	12	0.4	1	8	-	12	15	20		
AFN4228W	N	20	12	0.4	1	8	-	12	15	20	2.8	SOP-8P
	N	20	12	0.4	1	8	-	12	15	20		
AFN4248W	N	20	12	0.4	1	6	-	28	32	42	2.8	SOP-8P
	N	20	12	0.4	1	6	-	28	32	42		
AFN4900W	N	60	20	0.7	2.5	6.8	115	140	-	-	2.8	SOP-8P
	N	60	20	0.7	2.5	6.8	115	140	-	-		
AFN4906	N	40	20	1	2	6.8	52	70	-	-	2.8	SOP-8P
	N	40	20	1	2	6.8	52	70	-	-		

MOSFET

Package : SOP-8P (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFN4906W	N	40	20	1	2	6.8	52	70	-	-	2.8	SOP-8P
	N	40	20	1	2	6.8	52	70	-	-		
AFN4922W	N	100	20	1	2	2	290	300	-	-	2.8	SOP-8P
	N	100	20	1	2	2	290	300	-	-		
AFN4924	N	40	20	1.5	3	8	22	38	-	-	2.8	SOP-8P
	N	40	20	1.5	3	8	22	38	-	-		
AFN4924W	N	40	20	1.5	3	8	22	28	-	-	2.8	SOP-8P
	N	40	20	1.5	3	8	22	28	-	-		
AFN4936S	N	30	20	1.3	2.1	5.4	24	38	-	-	2.8	SOP-8P
	N	30	20	1.3	2.1	5.4	24	38	-	-		
AFN4936WS	N	30	20	1.3	2.1	5.4	24	38	-	-	2.8	SOP-8P
	N	30	20	1.3	2.1	5.4	24	38	-	-		
AFN4944WS	N	30	20	1	2	12	14	17	-	-	2.8	SOP-8P
	N	30	20	1	2	12	14	17	-	-		
AFN4946	N	60	20	1	2.5	6.8	42	50	-	-	2.8	SOP-8P
	N	60	20	1	2.5	6.8	42	50	-	-		
AFN4946W	N	60	20	1	2.5	6.8	42	48	-	-	2.8	SOP-8P
	N	60	20	1	2.5	6.8	42	48	-	-		
AFN4946BW	N	60	20	1	2	6.8	60	65	-	-	2.8	SOP-8P
	N	60	20	1	2	6.8	60	65	-	-		
AFN4997	N	90	20	1	2.5	6.8	68	75	-	-	2.8	SOP-8P
	N	90	20	1	2.5	6.8	68	75	-	-		
AFN4997W	N	90	20	1	2.5	6.8	68	75	-	-	2.8	SOP-8P
	N	90	20	1	2.5	6.8	68	75	-	-		
AFN4998	N	100	20	0.5	2.5	5.4	130	145	-	-	2.8	SOP-8P
	N	100	20	0.5	2.5	5.4	130	145	-	-		
AFN4998W	N	100	20	0.5	2.5	5.4	120	130	-	-	2.8	SOP-8P
	N	100	20	0.5	2.5	5.4	120	130	-	-		
AFC4510S	P	100	20	1	2.5	2.5	195	215	-	-	2.8	SOP-8P
	N	100	20	1	2.5	3	140	150	-	-		
AFC4510WS	P	100	20	1	2.5	2.5	210	230	-	-	2.8	SOP-8P
	N	100	20	1	2.5	3	140	150	-	-		
AFC4511	P	20	12	0.4	1	8	-	28	38	63	2.8	SOP-8P
	N	20	12	0.4	1	9	-	12	14	16		
AFC4516	P	30	20	0.5	1.8	8	28	37	-	-	2.8	SOP-8P
	N	30	20	0.5	1.8	8	15	20	-	-		
AFC4516W	P	30	20	0.5	1.8	8	28	37	-	-	2.8	SOP-8P
	N	30	20	0.5	1.8	8	15	20	-	-		
AFC4539S	P	30	20	1	2.5	5.4	65	92	-	-	2.8	SOP-8P
	N	30	20	1.3	2.1	5.4	40	50	-	-		

Package : SOP-8P (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFC4539WS	P	30	20	1	2.5	5.4	62	90	-	-	2.8	SOP-8P
	N	30	20	1.3	2.1	5.4	36	46	-	-		
AFC4559	P	60	20	0.8	2.5	6.8	100	120	-	-	2.8	SOP-8P
	N	60	20	1	2.5	6.8	42	50	-	-		
AFC4559W	P	60	20	0.8	2.5	6.8	100	120	-	-	2.8	SOP-8P
	N	60	20	1	2.5	6.8	42	50	-	-		
AFC4559B	P	60	20	1	3	4	80	110	-	-	2.8	SOP-8P
	N	60	20	1	2.5	6.8	50	58	-	-		
AFC4559BW	P	60	20	1	3	4	80	110	-	-	2.8	SOP-8P
	N	60	20	1	2.5	6.8	50	58	-	-		
AFC4599	P	40	20	1	3	8	37	54	-	-	2.8	SOP-8P
	N	40	20	1.5	3	8	22	36	-	-		
AFC4599W	P	40	20	1	3	8	42	60	-	-	2.8	SOP-8P
	N	40	20	1.5	3	8	22	28	-	-		

Package : SOT-23

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP2301A	P	20	12	0.5	1	3	-	120	170	-	1.25	SOT-23
AFP2301AS	P	20	12	0.5	1	3	-	125	170	-	1.25	SOT-23
AFP2303A	P	30	20	1	2.5	3.6	145	180	-	-	1.25	SOT-23
AFP2307A	P	20	12	0.4	1	1.2	-	520	870	-	1.25	SOT-23
AFP2309A	P	60	20	1	2	1.8	305	320	-	-	1.25	SOT-23
AFP2311A	P	20	12	0.4	0.8	4	-	60	72	95	1.25	SOT-23
AFP2319A	P	40	20	1	2	3	100	130	-	-	1.25	SOT-23
AFP2319AS	P	40	20	1	2	3.5	90	120	-	-	1.25	SOT-23
AFP2323A	P	30	20	1	2.6	3.6	155	240	-	-	1.25	SOT-23
AFP2325A	P	100	20	1	2.5	1	650	700	-	-	1.25	SOT-23
AFP2333A	P	25	20	1	2.5	2.8	145	180	-	-	1.25	SOT-23
AFP2337A	P	30	12	0.7	1.5	1.2	890	1450	-	-	1.25	SOT-23
AFP2343A	P	20	12	0.4	1	2.8	-	70	92	180	1.25	SOT-23
AFP2345A	P	120	20	1	2	1	1250	1350	-	-	1.25	SOT-23
AFP2367AS	P	20	12	0.5	1	3	-	80	98	130	1.25	SOT-23
AFP3401AS	P	30	12	0.6	1.1	4	70	80	105	-	1.25	SOT-23
AFP3403A	P	30	12	0.6	1.4	3	130	160	270	-	1.25	SOT-23
AFP3407AS	P	30	20	1	2.5	3.6	77	102	-	-	1.25	SOT-23
AFP3413A	P	20	12	0.5	1	3.2	-	120	170	230	1.25	SOT-23
AFN2302AS	N	20	12	0.5	1	3.6	-	90	110	-	1.25	SOT-23
AFN2304A	N	30	20	1	2.5	3.6	82	108	-	-	1.25	SOT-23

MOSFET

Package : SOT-23

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFN2304AS	N	30	20	1	2	3.6	65	90	-	-	1.25	SOT-23
AFN2306A	N	20	12	0.4	1	1.8	-	280	340	750	1.25	SOT-23
AFN2306AE	N	20	12	0.3	0.8	1.8	-	280	340	750	1.25	SOT-23
AFN2308A	N	60	20	0.7	2.5	3.6	135	145	-	-	1.25	SOT-23
AFN2312A	N	20	12	0.4	0.8	4	-	45	48	64	1.25	SOT-23
AFN2318A	N	40	20	1	2	3.6	68	88	-	-	1.25	SOT-23
AFN2324A	N	100	20	1	2	2.3	310	320	-	-	1.25	SOT-23
AFN2330A	N	90	20	1	2	2.8	200	210	-	-	1.25	SOT-23
AFN2334A	N	120	20	1	3	2.3	560	580	-	-	1.25	SOT-23
AFN2336A	N	30	12	0.5	1	1.8	-	380	480	900	1.25	SOT-23
AFN3400A	N	30	12	0.4	1	4	54	58	65	180	1.25	SOT-23
AFN3400AS	N	30	16	0.6	1.1	4	46	50	58	180	1.25	SOT-23
AFN3402A	N	30	12	0.3	1.2	3.6	82	87	110	-	1.25	SOT-23
AFN3406A	N	30	20	1	2	4	48	58	-	-	1.25	SOT-23
AFN3406AS	N	30	20	1.3	2.1	4	45	55	-	-	1.25	SOT-23
AFN3414A	N	20	12	0.3	0.8	3.6	-	70	80	100	1.25	SOT-23
AFN3424A	N	30	20	0.5	1.5	3.6	85	95	265	-	1.25	SOT-23
AFN7002AS	N	60	20	1	2	0.64	3000	4000	-	-	0.225	SOT-23
AFN7002LKAS	N	60	20	0.7	1.5	0.5	3500	4500	6500	9500	0.7	SOT-23
AFN7002KAS	N	60	20	1	2	0.5	2400	3000	-	-	0.7	SOT-23

Package : SOT-23-3L

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP2301	P	20	12	0.5	1	3	-	110	165	-	1.25	SOT-23-3L
AFP2301S	P	20	12	0.5	1	3	-	120	170	-	1.25	SOT-23-3L
AFP2303	P	30	20	1	2.5	3.6	130	170	-	-	1.25	SOT-23-3L
AFP2309	P	60	20	1	2	1.8	305	320	-	-	1.25	SOT-23-3L
AFP2311	P	20	12	0.4	0.8	4	-	56	70	100	1.25	SOT-23-3L
AFP2317	P	40	20	1	3	3.6	52	67	-	-	1.25	SOT-23-3L
AFP2319S	P	40	20	1	2	3.5	90	120	-	-	1.25	SOT-23-3L
AFP2323	P	30	20	1.6	2.6	3.6	150	235	-	-	1.25	SOT-23-3L
AFP2341	P	20	12	0.4	0.8	3	-	55	68	85	1.25	SOT-23-3L
AFP2367S	P	20	12	0.5	1	3	-	65	80	105	1.25	SOT-23-3L
AFP2379	P	60	20	1	2	3.6	135	150	-	-	1.25	SOT-23-3L
AFP3401S	P	30	12	0.6	1.1	4	65	80	105	-	1.25	SOT-23-3L
AFP3403	P	30	12	0.6	1.4	3	125	155	220	-	1.25	SOT-23-3L
AFP3405	P	30	20	0.5	1.8	4	40	50	-	-	1.25	SOT-23-3L
AFP3407S	P	30	20	1	2.5	3.6	75	95	-	-	1.25	SOT-23-3L

Package : SOT-23-3L

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
				V	V		mΩ	mΩ	mΩ	mΩ		
AFP3413	P	20	12	0.5	1	3.2	-	95	125	205	1.25	SOT-23-3L
AFP3415	P	20	12	0.4	1	4.9	-	45	58	85	1.25	SOT-23-3L
AFN2302S	N	20	12	0.5	1	3.6	-	85	100	-	1.25	SOT-23-3L
AFN2304	N	30	20	1	2.5	3.6	78	105	-	-	1.25	SOT-23-3L
AFN2304S	N	30	20	1	2	3.6	60	85	-	-	1.25	SOT-23-3L
AFN2308	N	60	20	0.7	2.5	3.6	130	140	-	-	1.25	SOT-23-3L
AFN2312	N	20	12	0.4	0.8	4	-	36	40	52	1.25	SOT-23-3L
AFN2316	N	40	20	1.5	2.5	4	42	52	-	-	1.25	SOT-23-3L
AFN2318	N	40	20	1	2	3.6	60	80	-	-	1.25	SOT-23-3L
AFN2324	N	100	20	1	2	2.3	285	295	-	-	1.25	SOT-23-3L
AFN2330	N	90	20	1	2	2.8	190	200	-	-	1.25	SOT-23-3L
AFN2354	N	100	20	0.8	2.5	3.2	145	160	-	-	1.25	SOT-23-3L
AFN2376	N	60	20	1	2	3.6	78	80	-	-	1.25	SOT-23-3L
AFN3400	N	30	12	0.4	1	4	48	52	58	-	1.25	SOT-23-3L
AFN3400S	N	30	16	0.6	1.1	4	42	44	50	-	1.25	SOT-23-3L
AFN3402	N	30	12	0.3	1	3.6	75	80	100	-	1.25	SOT-23-3L
AFN3404	N	30	20	0.5	1.8	4	30	34	-	-	1.25	SOT-23-3L
AFN3406	N	30	20	1	2	4	42	52	-	-	1.25	SOT-23-3L
AFN3406S	N	30	20	1.3	2.1	4	40	50	-	-	1.25	SOT-23-3L
AFN3414	N	20	12	0.3	0.8	3.6	-	58	68	88	1.25	SOT-23-3L
AFN3414S	N	20	12	0.5	1	4	-	50	60	105	1.25	SOT-23-3L
AFN3416	N	20	12	0.4	1	4	-	26	30	36	1.25	SOT-23-3L
AFN3424	N	30	20	0.5	1.5	3.6	75	85	155	-	1.25	SOT-23-3L

Package : SOT-23-6L (Single Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
				V	V		mΩ	mΩ	mΩ	mΩ		
AFP3439W	P	150	20	2	3	1.4	800	850	-	-	3.2	SOT-23-6L
AFP3447W	P	120	20	1	2	1	1250	1350	-	-	2	SOT-23-6L
AFN3442W	N	120	20	1	3	3	560	580	-	-	2	SOT-23-6L
AFN3468W	N	150	20	2	4	4	330	380	-	-	2	SOT-23-6L

Package : SOT-23-6L (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
				V	V		mΩ	mΩ	mΩ	mΩ		
AFC6606W	P	60	20	1	2	1.8	310	340	-	-	2	SOT-23-6L
	N	60	20	0.7	2.5	2.8	135	145	-	-		
AFC6610W	P	100	20	1	2.5	2.3	650	700	-	-	2	SOT-23-6L
	N	100	20	1	2	1	310	320	-	-		

MOSFET

Package : SOT-89-3L

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP8931	P	30	20	0.5	1.8	4.6	36	46	-	-	1.45	SOT-89-3L
AFP8943	P	40	20	1	3	5.6	43	58	-	-	1.45	SOT-89-3L
AFP8989	P	60	20	0.8	2.5	3.6	115	125	-	-	1.45	SOT-89-3L
AFP8995	P	30	20	1	2.5	4.6	125	165	-	-	1.45	SOT-89-3L
AFN8904	N	30	20	1	2.5	5.6	72	95	-	-	1.45	SOT-89-3L
AFN8918	N	40	20	1.5	3	5.8	30	54	-	-	1.45	SOT-89-3L
AFN8936	N	60	20	1	2.5	4.6	48	54	-	-	1.45	SOT-89-3L
AFN8968	N	100	20	1	2	3	300	310	-	-	1.45	SOT-89-3L
AFN8987A	N	90	20	0.9	1.9	4.6	80	90	-	-	1.45	SOT-89-3L
AFN8987	N	90	20	0.9	1.9	2.3	310	320	-	-	1.45	SOT-89-3L
AFN8987W	N	90	20	1	2.5	4.6	75	85	-	-	1.45	SOT-89-3L
AFN8988	N	100	20	1	2.5	4.6	120	130	-	-	1.45	SOT-89-3L
AFN8988W	N	100	20	1	2.5	4.6	130	138	-	-	1.45	SOT-89-3L

Package : SOT-223

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP8434S	P	20	12	0.5	1	6	-	50	67	90	2.8	SOT-223
AFP8451	P	60	20	1	1	3	305	330	-	-	2.8	SOT-223
AFP8452	P	30	20	1	2.5	5	70	90	-	-	2.8	SOT-223
AFP8463	P	40	20	1	3	6	46	62	-	-	2.8	SOT-223
AFP8473	P	60	20	1	2	4.8	135	155	-	-	2.8	SOT-223
AFP8483	P	100	20	1	2.5	3.8	260	290	-	-	2.8	SOT-223
AFN8411	N	100	20	0.5	2.5	5.8	115	125	-	-	2.8	SOT-223
AFN8412	N	100	20	1	2	3.6	300	310	-	-	2.8	SOT-223
AFN8439	N	30	12	0.4	1	6	-	45	55	-	2.8	SOT-223
AFN8459	N	30	20	1	2	6	44	50	-	-	2.8	SOT-223
AFN8471	N	60	20	1	2.5	5.8	54	60	-	-	2.8	SOT-223

Package : SOT-323

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP1303	P	20	12	0.4	1	1	-	600	800	1300	0.35	SOT-323
AFP1413	P	20	12	0.4	0.9	3	-	125	160	-	0.35	SOT-323
AFP1433	P	30	20	1	2.5	3	150	185	-	-	0.35	SOT-323
AFP7401S	P	30	12	0.6	1.1	2.8	115	150	185	-	0.35	SOT-323
AFP7407S	P	20	12	0.5	1	2.3	-	120	170	260	0.35	SOT-323
AFN1304	N	20	12	0.4	1	1.8	-	280	340	680	0.35	SOT-323
AFN1304E	N	20	12	0.3	0.8	1.8	-	400	500	680	0.35	SOT-323
AFN1306	N	30	12	0.5	1	1	-	430	580	860	1.25	SOT-323

Package : SOT-323

Part No.	Type	VDSS	VGS	VTH		IDS	RDS(Max)				PD	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
				V	V		mΩ	mΩ	mΩ	mΩ		
AFN1330KS	N	60	20	1	2	0.5	2400	3000	-	-	1.25	SOT-323
AFN1330S	N	60	20	1	2	0.115	7500	7500	-	-	0.225	SOT-323
AFN1443	N	30	20	1	2.5	3.6	78	105	-	-	0.35	SOT-323
AFN7400	N	30	12	0.3	1.2	3.6	82	90	102	-	0.35	SOT-323
AFN7402	N	20	12	0.3	0.8	3.6	-	60	70	90	0.35	SOT-323
AFN7412	N	20	12	0.4	0.8	3.8	-	52	56	68	0.35	SOT-323
AFN7420	N	30	20	1	2	3.6	60	70	-	-	0.35	SOT-323

Package : SOT-363 (Single Channel)

Part No.	Type	VDSS	VGS	VTH		IDS	RDS(Max)				PD	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
				V	V		mΩ	mΩ	mΩ	mΩ		
AFP7611	P	20	12	0.3	1	3.1	-	65	75	90	1	SOT-363
AFN7608	N	20	12	0.5	1	3	-	110	145	200	1.5	SOT-363

Package : SOT-363 (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS	RDS(Max)				PD	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
				V	V		mΩ	mΩ	mΩ	mΩ		
AFP1913	P	20	12	0.4	1	1	-	600	800	1600	0.3	SOT-363
	P	20	12	0.4	1	1	-	600	800	1600		
AFP1913E	P	20	12	0.4	1	1	-	600	800	1600	0.3	SOT-363
	P	20	12	0.4	1	1	-	600	800	1600		
AFP1933	P	30	12	0.7	1.5	0.55	900	1000	1800	-	0.3	SOT-363
	P	30	12	0.7	1.5	0.55	900	1000	1800	-		
AFN1912	N	20	12	0.4	1	1.8	-	280	340	580	0.3	SOT-363
	N	20	12	0.4	1	1.8	-	280	340	580		
AFN1912E	N	20	12	0.3	0.8	1.8	-	280	340	580	0.3	SOT-363
	N	20	12	0.3	0.8	1.8	-	280	340	580		
AFN1932	N	30	12	0.5	1	1.8	-	430	580	860	0.3	SOT-363
	N	30	12	0.5	1	1.8	-	430	580	860		
AFN1972	N	30	20	1	2.5	1.3	450	570	-	-	0.74	SOT-363
	N	30	20	1	2.5	1.3	450	570	-	-		
AFN7002DS	N	60	20	1	2	0.64	3000	4000	-	-	0.3	SOT-363
	N	60	20	1	2	0.64	3000	4000	-	-		
AFN7002LDS	N	60	20	0.7	1.5	0.55	3500	4500	6500	9500	0.3	SOT-363
	N	60	20	0.7	1.5	0.55	3500	4500	6500	9500		
AFC1539	P	30	12	0.7	1.5	0.5	900	1000	-	-	0.3	SOT-363
	N	30	12	0.5	1.5	0.7	900	1000	-	-		
AFC1563	P	20	12	0.4	1	1	-	600	840	1440	0.3	SOT-363
	N	20	12	0.4	1	1	-	280	340	580		

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Package : SOT-363 (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFC6332	P	20	12	0.4	1	1	-	600	840	1440	0.3	SOT-363
	N	20	12	0.4	1	1	-	280	340	580		
AFC6332E	P	20	12	0.4	1	1	-	600	840	1440	0.3	SOT-363
	N	20	12	0.4	1	1	-	280	340	580		

Package : SOT-523

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP1013	P	20	12	0.4	1	0.7	-	620	860	1450	0.27	SOT-523
AFP1013E	P	20	12	0.4	1	0.7	-	620	860	1450	0.27	SOT-523
AFP1033	P	30	12	0.7	1.5	0.6	750	950	-	-	0.27	SOT-523
AFN1012	N	20	12	0.4	1	0.7	-	360	420	560	0.27	SOT-523
AFN1012E	N	20	12	0.3	0.8	0.7	-	360	420	560	0.27	SOT-523
AFN1032	N	30	12	0.5	1	0.7	-	440	500	720	0.27	SOT-523
AFN1062KS	N	60	20	1	2	0.35	2400	3000	-	-	0.27	SOT-523

Package : SOT-563

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP1023	P	20	12	0.4	1	0.45	-	620	860	1450	0.27	SOT-563
	P	20	12	0.4	1	0.45	-	620	860	1450		
AFP1023E	P	20	12	0.4	1	0.45	-	620	860	1450	0.27	SOT-563
	P	20	12	0.4	1	0.45	-	620	860	1450		
AFN1024	N	20	12	0.4	1	0.7	-	360	420	560	0.27	SOT-563
	N	20	12	0.4	1	0.7	-	360	420	560		
AFN1024E	N	20	12	0.3	0.8	0.7	-	360	420	560	0.27	SOT-563
	N	20	12	0.3	0.8	0.7	-	360	420	560		
AFN1026S	N	60	20	1	2	0.35	2400	3000	-	-	0.27	SOT-563
	N	60	20	1	2	0.35	2400	3000	-	-		
AFN1034	N	30	12	0.5	1	0.7	-	440	500	720	0.27	SOT-563
	N	30	12	0.5	1	0.7	-	440	500	720		
AFC1016	P	20	12	0.4	1	0.4	-	620	860	1450	0.27	SOT-563
	N	20	12	0.4	1	0.6	-	360	420	560		

Package : SOT-723

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
				V	V		mΩ	mΩ	mΩ	mΩ		
AFP1073	P	20	12	0.4	1	0.7	-	620	860	1450	0.27	SOT-723
AFP1073E	P	20	12	0.4	1	0.7	-	620	860	1450	0.27	SOT-723
AFN1072	N	20	12	0.4	1	0.7	-	360	420	560	0.27	SOT-723
AFN1072E	N	20	12	0.4	1	0.7	-	360	420	560	0.27	SOT-723
AFN7002ES	N	60	20	1	2	0.115	2400	3000	-	-	0.27	SOT-723

Package : TO-220-3L

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
				V	V		mΩ	mΩ	mΩ	mΩ		
AFN1501S	N	100	20	2	4	120	6.4	-	-	-	75	TO-220-3L
AFN1510S	N	100	20	1	2	35	46	52	-	-	75	TO-220-3L
AFN1520	N	100	20	1	2	7	320	340	-	-	75	TO-220-3L
AFN1530	N	100	20	1	2.5	15	115	125	-	-	75	TO-220-3L
AFN1610S	N	100	20	2.5	4.5	50	22	-	-	-	75	TO-220-3L
AFN3606S	N	30	20	1	2	75	5	6.5	-	-	75	TO-220-3L
AFN3609S	N	30	20	1	2	60	6	9	-	-	75	TO-220-3L
AFN3630	N	30	20	1	2	20	30	38	-	-	75	TO-220-3L
AFN3684S	N	30	20	1	2	30	9	13	-	-	75	TO-220-3L
AFN4240S	N	40	20	1	2	80	3.3	4.3	-	-	95	TO-220-3L
AFN6011S	N	65	20	2	4	60	7.8	-	-	-	95	TO-220-3L
AFN6018S	N	60	20	1	2	40	17	37	-	-	95	TO-220-3L
AFN7510S	N	100	20	2	4	60	12	18	-	-	75	TO-220-3L
AFN8075S	N	80	25	2	4	90	10	-	-	-	150	TO-220-3L
AFN9530	N	90	20	1	2.5	15	78	88	-	-	75	TO-220-3L
AFN9803S	N	30	20	1	2	90	3.5	4.5	-	-	250	TO-220-3L

Package : TO-252-2L

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
				V	V		mΩ	mΩ	mΩ	mΩ		
AFP3050S	P	30	12	0.6	1.1	15	60	72	108	-	40	TO-252-2L
AFP3485	P	30	20	0.5	1.8	20	28	37	-	-	40	TO-252-2L
AFP3679S	P	30	20	1	3	20	10	15	-	-	40	TO-252-2L
AFP3804	P	40	20	1	3	22	38	54	-	-	40	TO-252-2L
AFP4447	P	40	20	1	3	22	40	55	-	-	40	TO-252-2L
AFP9510S	P	100	20	1	2.5	8.8	200	220	-	-	40	TO-252-2L
AFP9565S	P	40	20	1	2	20	56	86	-	-	40	TO-252-2L
AFP9569	P	40	20	1	2	10	85	110	-	-	40	TO-252-2L

MOSFET

Package : TO-252-2L

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP9560S	P	40	20	1	2	36	13	18	-	-	40	TO-252-2L
AFP9575S	P	60	20	1	2.5	18	68	78	-	-	40	TO-252-2L
AFP9576	P	60	20	0.8	2.5	14	115	125	-	-	40	TO-252-2L
AFP9577	P	60	20	1	2	8	305	330	-	-	40	TO-252-2L
AFN2014	N	20	12	0.4	1	25	-	14	17	21	40	TO-252-2L
AFN2604	N	40	20	1.5	3	25	20	40	-	-	40	TO-252-2L
AFN3006S	N	30	20	1	2	75	6	9	-	-	40	TO-252-2L
AFN3009S	N	30	20	1	2	60	8.5	11.5	-	-	40	TO-252-2L
AFN3015S	N	30	20	1	2	75	5.1	6.8	-	-	40	TO-252-2L
AFN3016S	N	30	20	1	2	75	6	9	-	-	40	TO-252-2L
AFN3019S	N	30	20	1	2	60	9	13	-	-	40	TO-252-2L
AFN3025S	N	30	12	0.6	1.1	22	32	36	42	-	40	TO-252-2L
AFN3030	N	30	20	1	2	22	30	40	-	-	40	TO-252-2L
AFN3484	N	30	20	0.5	1.8	25	15	18	-	-	40	TO-252-2L
AFN3484S	N	30	20	1	2	30	13	18	-	-	40	TO-252-2L
AFN4804	N	40	20	1	2	18	48	70	-	-	40	TO-252-2L
AFN5004S	N	40	20	1	2	15	5.5	6.5	-	-	40	TO-252-2L
AFN5008S	N	40	20	1	2	50	8.5	10.5	-	-	40	TO-252-2L
AFN5510S	N	100	20	2.5	4.5	45	22	-	-	-	40	TO-252-2L
AFN9498	N	100	20	1	2.5	10	135	145	-	-	40	TO-252-2L
AFN9875S	N	80	25	2	4	40	11	-	-	-	40	TO-252-2L
AFN9910	N	100	20	1	2	6.5	320	340	-	-	40	TO-252-2L
AFN9971	N	60	20	1	2.5	25	42	50	-	-	40	TO-252-2L
AFN9971B	N	60	20	1	2	25	56	62	-	-	40	TO-252-2L
AFN9972S	N	60	20	1	2	35	15	18	-	-	40	TO-252-2L
AFN9977	N	60	20	0.7	2.5	12	118	130	-	-	40	TO-252-2L
AFN9987	N	90	20	1	2.5	15	75	85	-	-	40	TO-252-2L
AFN9990S	N	60	20	2	4	60	7.8	9.8	-	-	40	TO-252-2L
AFN9995S	N	100	20	1	2	20	45	50	-	-	40	TO-252-2L
AFN9997	N	100	20	1	3	8	120	125	-	-	40	TO-252-2L

Package : TO-252-4L

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFC5521	P	100	20	1	2.5	5	190	200	-	-	40	TO-252-4L
	N	100	20	1	2.5	5	110	120	-	-		
AFC5604	P	40	20	1	3	7	38	54	-	-	40	TO-252-4L
	N	40	20	1	3	8	20	30	-	-		
AFC5606	P	60	20	0.8	2.5	5	100	120	-	-	40	TO-252-4L
	N	60	20	1	2.5	7	42	50	-	-		
AFC5614	P	40	20	1	2	12	55	85	-	-	40	TO-252-4L
	N	40	20	1	2	12	28	38	-	-		

Package : TO-262

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFN6095S	N	60	20	2	4	60	7.8	9.8	-	-	100	TO-262
AFN6297S	N	100	20	2.5	4.5	50	22	-	-	-	100	TO-262
AFN6298S	N	100	20	2	4	60	12	18	-	-	100	TO-262

Package : TO-263-2L

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFN1298S	N	100	20	2	4	60	12	18	-	-	100	TO-263-2L
AFN1990S	N	60	20	2	4	60	7.8	9.8	-	-	100	TO-263-2L
AFN1998S	N	100	20	2.5	4.5	50	21	-	-	-	100	TO-263-2L

Package : TSOP-6 (Single Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP3411	P	30	20	0.5	1.8	6	36	46	-	-	2	TSOP-6
AFP3425	P	20	12	0.4	0.8	4	-	56	70	96	2	TSOP-6
AFP3425W	P	20	12	0.4	0.8	4	-	56	70	96	2	TSOP-6
AFP3431W	P	30	12	0.55	1.1	5	60	75	85	-	2	TSOP-6
AFP3433W	P	30	12	0.6	1.2	4.2	125	150	180	-	2	TSOP-6
AFP3437W	P	100	20	1	2.5	1.4	750	800	-	-	2	TSOP-6
AFP3443W	P	30	20	1	2	4.2	130	180	-	-	2	TSOP-6
AFP3459	P	60	20	1	2	4.8	128	138	-	-	2	TSOP-6
AFP3497	P	20	12	0.3	0.7	3.8	-	100	140	190	2	TSOP-6
AFP3499W	P	60	20	1	2	2	305	330	-	-	2	TSOP-6
AFP6405S	P	30	20	1	2.5	5	72	92	-	-	2	TSOP-6
AFP6405WS	P	30	20	1	2.5	5	56	86	-	-	2	TSOP-6
AFN3410	N	30	20	0.5	1.8	6	27	30	-	-	2	TSOP-6
AFN3422W	N	100	20	1	2	3	310	320	-	-	2	TSOP-6
AFN3426	N	20	12	0.4	0.8	4	-	36	40	52	2	TSOP-6
AFN3430W	N	90	20	0.5	2.5	4	150	155	-	-	2	TSOP-6
AFN3432	N	30	12	0.3	1	3.6	75	80	100	-	2	TSOP-6
AFN3434W	N	100	20	0.8	2.5	3.2	170	185	-	-	2	TSOP-6
AFN3436	N	30	12	0.8	1.8	3.6	72	82	160	-	2	TSOP-6
AFN3442W	N	120	20	1	3	3	560	580	-	-	2	TSOP-6
AFN3446	N	20	12	0.3	0.8	4	-	58	68	88	2	TSOP-6
AFN3452	N	30	12	0.4	1	5.6	48	52	58	-	2	TSOP-6
AFN3454	N	40	20	1	2	5.6	54	74	-	-	2	TSOP-6

MOSFET

Package : TSOP-6 (Single Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFN3456	N	30	20	1	2	5.6	40	50	-	-	2	TSOP-6
AFN3458	N	60	20	1	2	5.6	60	66	-	-	2	TSOP-6
AFN3458BW	N	60	20	0.7	2.5	5.6	135	145	-	-	2	TSOP-6
AFN3460	N	20	12	0.4	1	5.8	-	26	30	36	2	TSOP-6
AFN3466	N	30	20	1	2.5	3.6	75	105	-	-	2	TSOP-6
AFN6424S	N	30	20	1.3	2.1	5.4	38	50	-	-	2	TSOP-6

Package : TSOP-6 (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP3981	P	20	12	0.3	0.7	3.2	-	100	135	190	2	TSOP-6
	P	20	12	0.3	0.7	3.2	-	100	135	190		
AFP3993	P	30	20	1	2.6	3.6	-	150	235	-	2	TSOP-6
	P	30	20	1	2.6	3.6	-	150	235	-		
AFP6801	P	30	12	0.6	1.4	3.8	135	175	245	-	2	TSOP-6
	P	30	12	0.6	1.4	3.8	135	175	245	-		
AFP8206	P	20	12	0.4	0.8	4.5	-	56	70	96	2	TSOP-6
	P	20	12	0.4	0.8	4.5	-	56	70	96		
AFN6561	N	30	20	1	2.5	3.6	75	102	-	-	2	TSOP-6
	N	30	20	1	2.5	3.6	75	102	-	-		
AFN6562	N	30	12	0.4	1.2	3.6	70	78	95	-	2	TSOP-6
	N	30	12	0.4	1.2	3.6	70	78	95	-		
AFN6820	N	20	12	0.3	0.8	3.4	-	58	68	88	2	TSOP-6
	N	20	12	0.3	0.8	3.4	-	58	68	88		
AFN6830	N	30	20	0.5	1.8	3.6	75	85	155	-	2	TSOP-6
	N	30	20	0.5	1.8	3.6	75	85	155	-		
AFN7002KDS	N	60	20	1	2.5	0.6	2000	3500	-	-	2	TSOP-6
	N	60	20	1	2.5	0.6	2000	3500	-	-		
AFN8205	N	20	12	0.4	0.8	5	-	29	37	50	2	TSOP-6
	N	20	12	0.4	0.8	5	-	29	37	50		
AFC6601	P	30	12	0.6	1.4	2.6	115	150	235	-	2	TSOP-6
	N	30	20	1	3	3	68	74	90	-		
AFC6602	P	30	20	1	2.5	2.7	130	165	-	-	2	TSOP-6
	N	30	20	1	2.5	3.5	75	100	-	-		
AFC6604	P	20	12	0.5	1	3	-	105	150	-	2	TSOP-6
	N	20	12	0.3	0.8	3.5	-	58	68	-		

Package : TSOT-23-6L

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP3481S	P	30	20	1	2.5	5.4	62	90	-	-	2	TSOT-23-6L
AFN3456S	N	30	20	1.3	2.1	5.4	40	50	-	-	2	TSOT-23-6L

Package : TSSOP-8 (Single Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP6459	P	60	20	0.8	2.5	5.4	102	115	-	-	2.8	TSSOP-8

Package : TSSOP-8 (Dual Channel)

Part No.	Type	VDSS	VGS	VTH		IDS 25°C	RDS(Max)				PD 25°C	Package
				Min	Max		10V	4.5V	2.5V	1.8V		
		V	V	V	V	A	mΩ	mΩ	mΩ	mΩ	W	
AFP6993	P	30	20	0.5	1.8	4.8	32	38	-	-	2.8	TSSOP-8
	P	30	20	0.5	1.8	4.8	32	38	-	-		
AFP8803	P	20	12	0.4	0.9	4.8	-	32	42	58	2.8	TSSOP-8
	P	20	12	0.4	0.9	4.8	-	32	42	58		
AFP8823	P	20	12	0.4	0.8	7.2	-	48	62	88	2.8	TSSOP-8
	P	20	12	0.4	0.8	7.2	-	48	62	88		
AFP8833	P	20	12	0.4	0.8	4.8	-	48	62	88	2.8	TSSOP-8
	P	20	12	0.4	0.8	4.8	-	48	62	88		
AFN8816	N	30	20	0.5	1.8	8	21	24	27	-	2.8	TSSOP-8
	N	30	20	0.5	1.8	8	21	24	27	-		
AFN8822	N	20	12	0.4	0.8	7.2	-	28	32	45	2.8	TSSOP-8
	N	20	12	0.4	0.8	7.2	-	28	32	45		
AFN8822S	N	20	12	0.5	1	6.5	-	32	35	-	2.8	TSSOP-8
	N	20	12	0.5	1	6.5	-	32	35	-		
AFN8832	N	20	12	0.4	0.8	5.4	-	28	32	45	2.8	TSSOP-8
	N	20	12	0.4	0.8	5.4	-	28	32	45		
AFC8562	P	20	12	0.4	0.8	4.8	-	48	62	88	2.8	TSSOP-8
	N	20	12	0.4	0.8	4.8	-	27	32	44		

Part No.	Product Description	V(BR)	VRWM	IR	PPK	IPP	Cj	Package
		Min	Max	Max	(8/20 us)	(8/20 us)	(Typ)	
		V	V	uA	W	A	pF	

Package : DFN0603-2

AFE0563	1 -Line TVS Diode	6	5	1	100	4	2	DFN0603-2
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Package : DFN-10

AFE0514P	4 -Line TVS Array	6	5	1	150	5	0.2	DFN-10
AFE0524P	4 -Line TVS Array	6	5	1	150	5	0.35	DFN-10
AFE099P	4 -Line TVS Array	6	5	1	150	5	0.35	DFN-10
AFE6V8UD	4 -Line TVS Array	6	5	1	180	7	0.35	DFN-10

Package : DFN-2

AFE2045	1 -Line TVS Diode	6	5	1	120	5	0.9	DFN-2
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Package : FBP-02C

AFE9X5VU	1 -Line TVS Diode	6	5	1	180	7	0.5	FBP-02C
AFE0582	1 -Line TVS Diode	6	5	1	100	4	2	FBP-02C
AFE2045FB	1 -Line TVS Diode	6	5	1	120	5	0.9	FBP-02C
AFE2075FB	1 -Line TVS Diode	6	5	1	107	8.7	65	FBP-02C
AFE3382	1 -Line TVS Diode	3.6	3.3	1	100	4	2	FBP-02C

Package : MSOP-8L

AFE1065L	7 -Line TVS Array	6	5	1	150	5	0.2	MSOP-8L
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Package : MSOP-10L

AFE6V8UH	4 -Line TVS Array	6	5	1	180	7	0.35	MSOP-10L
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Package : SOD-323

AFE0562	1 -Line TVS Diode	6	5	0.5	250	4	2	SOD-323
AFE1262	1 -Line TVS Diode	13	12	1	250	8	16	SOD-323
AFE2062	1 -Line TVS Diode	20	18	1	250	6	20	SOD-323
AFE3362	1 -Line TVS Diode	3.6	3.3	1	100	5	2	SOD-323

Package : SOD-523

AFE5Z5VU	1 -Line TVS Diode	6	5	1	250	7	0.5	SOD-523
AFE0521	1 -Line TVS Diode	6	5	1	100	4	2	SOD-523
AFE3321	1 -Line TVS Diode	3.6	3.3	1	100	5	2	SOD-523

Package : SOD-723

AFE0572	1 -Line TVS Diode	6	5	0.5	100	4	2	SOD-723
AFE3372	1 -Line TVS Diode	3.6	3.3	1	100	5	2	SOD-723

Part No.	Product Description	V(BR)	VRWM	IR	PPK	IPP	Cj	Package
		Min	Max	Max	(8/20 us)	(8/20 us)	(Typ)	
		V	V	uA	W	A	pF	

Package : SOT-143

AFE0524	3 -Line TVS Array	6	5	1	150	6	2	SOT-143
AFE1025Q	2 -Line TVS Array	6	5	1	150	5	0.6	SOT-143
AFE1224	3 -Line TVS Array	13	12	1	250	8	16	SOT-143
AFE2024	3 -Line TVS Array	20	18	1	250	6	20	SOT-143
AFE3324	3 -Line TVS Array	3.6	3.3	1	150	10	2	SOT-143

Package : SOT-23

AFE0532	2 -Line TVS Array	6	5	1	250	4	2	SOT-23
AFE0533	1 -Line TVS Diode	6	5	1	250	4	2	SOT-23
AFE1223	2 -Line TVS Diode	13	12	1	250	8	16	SOT-23
AFE2032	2 -Line TVS Diode	20	18	1	250	6	20	SOT-23
AFE3332	2 -Line TVS Diode	3.6	3.5	1	200	5	2	SOT-23

Package : SOT-23-6L

AFE6V8UF	4 -Line TVS Array	6	5	5	250	5	0.7	SOT-23-6L
AFE0505	5 -Line TVS Array	6	5	1	150	6	2	SOT-23-6L
AFE0524A	4 -Line TVS Array	6	5	1	150	5	0.35	SOT-23-6L
AFE1226	5 -Line TVS Array	13	12	1	250	8	16	SOT-23-6L
AFE2005	5 -Line TVS Array	20	18	1	250	6	20	SOT-23-6L

Package : SOT-353

AFE6V8UN	2 -Line TVS Array	6	5	1	180	5	0.7	SOT-353
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Package : SOT-363

AFE6V8UW	4 -Line TVS Array	6	5	5	250	5	0.7	SOT-363
AFE0504	5 -Line TVS Array	6	5	1	150	6	2	SOT-363
AFE0524B	4 -Line TVS Array	6	5	1	150	5	0.35	SOT-363
AFE3304	5 -Line TVS Array	3.6	3.3	1	150	6	2	SOT-363

Package : SOT-523

AFE0522	2 -Line TVS Array	6	5	1	100	4	2	SOT-523
AFE1212A	2 -Line TVS Array	13	12	1	250	8	16	SOT-523

Package : SOT-553

AFE0554	4 -Line TVS Array	6	5	1	100	6	2	SOT-553
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Part No.	Product Description	V(BR)	VRWM	IR	PPK	IPP	Cj	Package
		Min	Max	Max	(8/20 us)	(8/20 us)	(Typ)	
		V	V	uA	W	A	pF	

Package : SOT-563

AFE0514	4 -Line TVS Array	6	5	1	100	6	2	SOT-563
AFE0515	5 -Line TVS Array	6	5	1	100	6	2	SOT-563
AFE3314	4 -Line TVS Array	3.6	3.3	1	100	5	2	SOT-563

Package : SOT-723

AFE0527	2 -Line TVS Array	6	5	1	50	2	2	SOT-723
AFE3327	2 -Line TVS Array	3.6	3.3	1	50	2	2	SOT-723

Package : TQFN-10 (2.6x2.6x0.55-0.5)

AFE4114P	5 -Line TVS Array	6	5	1	150	10	1.3	TQFN-10
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Package : SOT-23

Part No.	Type	VCEO	VCBO	Ic	hFE				VCE(sat)			Ft	PD	Package
		V	V	A	Min	Max	Ic	VCE	V	Ic	IB		25°C	
							mA	V		mA	mA		W	
AFT2222A	NPN	40	75	0.6	100	300	150	10	0.3	150	15	300	0.3	SOT-23
AFT3904	NPN	40	60	0.2	100	300	10	1	0.2	10	1	300	0.3	SOT-23
AFT4401	NPN	40	60	0.6	100	300	150	1	0.4	150	15	250	0.3	SOT-23
AFT2907A	PNP	60	60	0.6	100	300	150	10	0.4	150	15	200	0.3	SOT-23
AFT3906	PNP	40	40	0.2	100	300	10	1	0.25	10	1	250	0.3	SOT-23
AFT4403	PNP	40	40	0.6	100	300	150	2	0.4	150	15	200	0.3	SOT-23



(A) Tape Reel

Type	Tape(Inch)	EA / Tape	Body Size (mm) Max.			
			L (D)	W (E)	H (A)	Pitch (e)
DFN-10	7"	3000	2.600	1.100	0.650	0.500
DFN-2	7"	12000	1.000	0.600	0.550	0.650
DFN0603-2	7"	8000	0.670	0.370	0.340	0.400
DFN2X2-6L	7"	3000	2.100	2.100	0.900	0.650
DFN2X3-6L	7"	3000	2.050	3.050	0.800	0.500
DFN2X3-8L	7"	3000	2.076	3.076	0.800	0.500
DFN2X5-6L	7"	2500	2.076	5.076	0.800	0.500
DFN3X2-8L	7"	3000	3.076	2.076	0.900	0.650
DFN3X3-8L	13"	5000	3.076	3.076	0.900	0.650
DFN3.3X3.3-8L	13"	5000	3.400	3.200	0.900	0.650
DFN3X3-12L	7"	5000	3.050	3.050	0.800	0.450
DFN5X6-8L	7"	2500	5.100	5.900	1.000	1.270
FBP-02C	7"	5000	1.050	0.650	0.550	0.750
MSOP-8L	13"	3000	3.200	3.200	0.950	0.650
MSOP-10L	13"	2500 / 3000	3.100	3.100	1.100	0.500
SOD-323	7"	3000	1.400	1.800	1.000	
SOD-523	7"	8000	0.900	1.300	0.700	
SOD-723	7"	8000	0.650	1.100	0.650	
SOP-8P	13"	2500 / 3000	4.950	4.000	1.730	1.270
SOP-8EP	13"	2500	5.110	4.000	1.700	1.270
SOT-143	7"	3000	3.000	1.400	1.150	2.000
SOT-223	13"	2500	6.700	3.700	1.800	2.300
SOT-23	7"	3000	3.000	1.400	1.200	2.000
SOT-23-3L	7"	3000	3.020	1.700	1.250	2.000
SOT-23-5L	7"	3000	3.020	1.700	1.250	0.950
SOT-23-6L	7"	3000	3.020	1.700	1.250	0.950
SOT-323	7"	3000	2.200	1.350	1.100	1.400
SOT-353	7"	3000	2.200	1.350	1.100	0.650
SOT-363	7"	3000	2.200	1.350	1.100	0.650
SOT-523	7"	3000	1.700	0.850	0.900	1.100
SOT-553	7"	3000	1.700	1.300	0.600	0.550
SOT-563	7"	3000	1.700	1.300	0.600	0.550
SOT-723	7"	8000	1.250	0.850	0.500	0.800
SOT-89-3L	7"	1000	4.600	2.600	1.600	1.500
TO-252-2L	13"	2500	6.650	5.700	2.400	2.300
TO-252-4L	13"	2500	6.800	5.800	2.400	1.270
TO-252-5L	13"	2500	6.650	5.700	2.400	1.270
TO-263-2L	13"	800	10.400	9.000	4.800	2.540
TO-263-5L	13"	800	10.180	8.600	4.670	1.700
TQFN-10	7"	3000	2.676	2.676	0.600	0.500
TSOP-6	7"	3000	3.100	1.800	1.110	0.120
TSOT-23-6L	7"	3000	3.020	1.700	0.900	0.950
TSOT-25	7"	3000	2.975	1.675	1.100	0.950
TSSOP-8	13"	3000	3.100	4.500	1.100	0.650

(B) Tube

Type	Plug(Inch)	EA / Tape	Body Size (mm) Max.			
	(L/R)		L (D)	W (E)	H (A)	Pitch (e)
DIP-8P	White / Blue	50	9.400	6.600	4.310	2.540
TO-220-3L	White / Blue	50	10.310	8.900	4.670	2.540
TO-220F-3L	White / Blue	50	10.330	9.050	5.020	2.540
TO-251	White / Blue	80	6.650	5.700	2.400	2.300
TO-252-2L	White / Blue	80	6.650	5.700	2.400	2.300
TO-262	White / Blue	50	10.400	9.000	4.800	2.540



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