

Features

- Vacuum closed tube gallium aluminum diffusion process
- Field gate structure
- Excellent dynamic characteristic
- Low loss,high speed switch
- Disc ceramic cold-press encapsulation
- $T_{jmi}=-40^{\circ}\text{C}$ The minimum allowed working temperature
- Double cooling &series-parallel
- $T_{jmi}=-125^{\circ}\text{C}$ Maximum junction temperature



Type	IT(AV)	VDRM/VRRM	ITSM	VTM		VTO	RF	Tq	RthjC	RthjCH	Tjm	F10%	外形 Outline
	@Tc55°C		10ms	@VTM & Tc=25°C		Tjm							
	A	V	kV	V	A	V	$\mu\Omega$	μs	K/W	K/W	°C	KN	
KK200A	200	800-1600	2.5	2.80	600	1.3	0.66	16-35	0.035	0.008	125	5.3	
KK300A	300	800-1600	3.8	2.80	900	1.3	0.66	16-35	0.035	0.008	125	5.3	
KK400A	400	800-1600	6.3	2.80	1200	1.3	0.5	16-35	0.035	0.008	125	10	
KK500A	500	800-1600	6.3	2.80	1500	1.42	0.45	16-35	0.032	0.008	125	10	
KK800A	800	800-1600	6.3	2.80	2400	1.42	0.33	16-35	0.03	0.008	125	15	
KK900A	900	1200-1800	10	2.43	1500	1.36	0.50	11-20	0.030	0.008	125	15	
KK900A	900	1200-1800	10	2.43	1500	1.36	0.50	21-30	0.030	0.008	125	15	
KK1000A	1000	2000-2600	12	2.79	2000	1.50	0.52	35-45	0.020	0.005	125	24	
KK1100A	1000	2000-2600	12	2.79	2000	1.50	0.52	46-55	0.020	0.008	125	24	
KK1200A	1200	1000-1600	15	2.25	1500	1.20	0.45	5-10	0.030	0.008	125	15	
KK1200A	1200	1000-1600	15	2.25	1500	1.20	0.45	11-20	0.030	0.008	125	15	
KK1200A	1200	1600-2200	12	2.54	2000	1.45	0.43	31-40	0.020	0.005	125	24	
KK1200A	1200	1600-2200	12	2.54	2000	1.45	0.43	41-50	0.020	0.005	125	24	
KK1200A	1200	1200-1800	12	2.39	2000	1.36	0.36	11-25	0.024	0.006	125	20	
KK1200A	1200	1200-1800	12	2.39	2000	1.36	0.36	150	0.024	0.006	125	20	
KK1300A	1300	2000-2600	15	2.53	2000	1.46	0.42	25-35	0.018	0.0045	125	30	
KK1300A	1300	2000-2600	15	2.53	2000	1.46	0.42	35-45	0.018	0.0045	125	30	
KK1300A	1300	1200-1800	14	2.35	2000	1.38	0.33	11-25	0.020	0.005	125	24	
KK1300A	1300	1200-1800	14	2.35	2000	1.38	0.33	25-35	0.020	0.005	125	24	
KK1400A	1400	2800-3600	15	2.32	1200	1.56	0.38	21-60	0.016	0.004	125	35	
KK1400A	1400	2800-3600	15	2.32	1200	1.56	0.38	61-70	0.016	0.004	125	35	
KK1400A	1400	1600-2200	15	2.86	3000	1.40	0.40	31-40	0.018	0.0045	125	30	
KK1400A	1400	1600-2200	15	2.86	3000	1.40	0.40	41-50	0.018	0.0045	125	30	
KK1400A	1400	1000-1600	20.3	2.15	2000	1.15	0.32	5-10	0.024	0.006	125	20	
KK1400A	1400	1000-1600	20.3	2.15	2000	1.15	0.32	11-22	0.024	0.006	125	20	

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	A	V	kV	V	A	V	$\mu\Omega$	μs	K/W	K/W	°C		
KK1500A	1500	1200-1800	16	2.65	3000	1.34	0.32	11-22	0.018	0.0045	125	30	
KK1500A	1500	1200-1800	16	2.65	3000	1.34	0.32	25-35	0.018	0.0045	125	30	
KK1600A	1600	2000-2600	18	2.78	3000	1.51	0.34	35-45	0.016	0.004	125	35	
KK1600A	1600	2000-2600	18	2.78	3000	1.51	0.34	46-55	0.016	0.004	125	35	
KK1700A	1700	1600-2200	19	2.61	3000	1.41	0.32	31-40	0.016	0.004	125	35	
KK1700A	1700	1600-2200	19	2.61	3000	1.41	0.32	41-50	0.016	0.004	125	35	
KK1800A	1800	1200-1800	18	2.54	3000	1.37	0.28	11-25	0.016	0.004	125	35	
KK1800A	1800	1200-1800	18	2.54	3000	1.37	0.28	25-35	0.016	0.004	125	35	
KK1900A	1900	2800-3600	22	2.32	1500	1.53	0.27	51-60	0.012	0.004	125	50	
KK1900A	1900	2800-3600	22	2.32	1500	1.53	0.27	61-80	0.012	0.004	125	50	
KK1900A	1900	2000-2600	21	2.78	3000	1.48	0.28	35-50	0.013	0.0035	125	45	
KK1900A	1900	2000-2600	21	2.87	3000	1.48	0.28	46-60	0.013	0.0035	125	45	
KK2000A	2000	1600-2200	21	2.65	3000	1.43	0.26	31-45	0.013	0.0035	125	45	
KK2000A	2000	1600-2200	21	2.65	3000	1.43	0.26	45-55	0.013	0.0035	125	45	
KK2100A	2100	2400-3000	22	2.89	4000	1.51	0.25	45-55	0.012	0.0035	125	50	
KK2100A	2100	2400-3000	22	2.89	4000	1.51	0.25	56-75	0.012	0.0035	125	50	
KK2100A	2100	1200-1800	21	2.39	3000	1.39	0.23	11-25	0.013	0.0035	125	45	
KK2100A	2100	1200-1800	21	2.39	3000	1.39	0.23	25-35	0.013	0.0035	125	45	
KK2100A	2100	2000-2600	22.7	2.6	3000	1.48	0.23	45-55	0.012	0.0035	125	50	
KK2100A	2100	2000-2600	22.7	2.60	3000	1.48	0.23	56-65	0.012	0.0035	125	50	
KK2200A	2200	1600-2200	25	2.56	3000	1.47	0.22	41-50	0.012	0.0035	125	50	
KK2200A	2200	1600-2200	25	2.56	3000	1.47	0.22	51-60	0.012	0.0035	125	50	
KK2200A	2200	1200-1800	23	2.58	4000	1.40	0.21	21-30	0.012	0.0035	125	50	
KK2200A	2200	1200-1800	23	2.58	4000	1.40	0.21	30-40	0.012	0.0035	125	50	
KK2200A	2200	3400-4000	25	2.30	1800	1.55	0.25	60-70	0.010	0.003	125	56	
KK2200A	2200	3400-4000	25	2.30	1800	1.55	0.25	71-90	0.010	0.003	125	56	
KK2300A	2300	2800-3600	28	2.20	1800	1.52	0.22	51-60	0.010	0.003	125	56	
KK2300A	2300	2800-3600	28	2.20	1800	1.52	0.22	61-80	0.010	0.003	125	56	
KK2700A	2700	2400-3000	30	2.67	4000	1.52	0.20	45-55	0.010	0.003	125	56	
KK2700A	2700	2400-3000	30	2.67	4000	1.52	0.20	56-75	0.010	0.003	125	56	
KK2800A	2800	2000-2600	31.8	2.64	4000	1.48	0.18	45-55	0.010	0.003	125	56	

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	A	V	kV	V	A	V	$\mu\Omega$	μs	K/W	K/W	°C	KN	
KK2800A	2800	2000-2600	31.8	2.64	4000	1.48	0.18	56-65	0.01	0.003	125	56	
KK2900A	2900	1600-2200	30	2.19	4000	1.43	0.16	41-50	0.01	0.003	125	56	
KK2900A	2900	1600-2200	30	2.19	4000	1.43	0.16	51-60	0.01	0.003	125	56	
KK2900A	2900	1200-1800	35.6	2.64	4000	1.30	0.15	21-30	0.01	0.003	125	56	
KK2900A	2900	1200-1800	35.6	2.64	4000	1.30	0.15	30-40	0.01	0.003	125	56	
KK3200A	3200	2000-2600	36	2.64	4000	1.47	0.145	50-60	0.008	0.0025	125	75	
KK3200A	3200	2000-2600	36	2.64	4000	1.47	0.145	61-70	0.008	0.0025	125	75	
KK3200A	3200	2400-3000	35	2.69	5000	1.51	0.165	55-65	0.008	0.0025	125	75	
KK3200A	3200	2400-3000	35	2.69	5000	1.51	0.165	65-75	0.008	0.0025	125	75	
KK3300A	3300	1600-2200	36	2.30	4000	1.40	0.13	51-60	0.008	0.0025	125	75	
KK3300A	3300	1600-2200	36	2.30	4000	1.40	0.13	41-50	0.008	0.0025	125	75	
KK3300A	3300	3400-4000	35	2.69	2000	1.56	0.18	60-80	0.007	0.002	125	90	
KK3300A	3300	3400-4000	35	2.69	2000	1.56	0.18	81-120	0.007	0.002	125	90	
KK3400A	3400	2800-3600	38.5	2.78	2000	1.51	0.17	61-80	0.007	0.002	125	90	
KK3400A	3400	2800-3600	38.5	2.78	2000	1.51	0.17	81-100	0.007	0.002	125	90	
KK3700A	3700	2400-3000	41	2.60	5000	1.51	0.15	55-65	0.007	0.002	125	90	
KK3700A	3700	2400-3000	41	2.60	5000	1.51	0.15	66-75	0.007	0.002	125	90	
KK3800A	3800	2000-2600	44	2.58	5000	1.45	0.14	50-60	0.007	0.002	125	90	
KK3800A	3800	2000-2600	44	2.58	5000	1.45	0.14	61-70	0.007	0.002	125	90	
KK3900A	3900	1600-2200	43	2.38	5000	1.38	0.12	45-55	0.007	0.002	125	90	
KK3900A	3900	1600-2200	43	2.38	5000	1.38	0.12	56-70	0.007	0.002	125	90	
KK4300A	4300	3400-4000	44	2.83	3000	1.54	0.16	60-80	0.005	0.0015	125	110	
KK4300A	4300	3400-4000	44	2.83	3000	1.54	0.16	81-120	0.005	0.0015	125	110	
KK4400A	4400	2800-3600	49	2.93	3000	1.53	0.14	61-80	0.005	0.002	125	110	
KK4400A	4400	2800-3900	49	2.93	3000	1.53	0.14	81-100	0.005	0.002	125	110	
KK4500A	4500	1200-1800	45	2.12	5000	1.34	0.10	20-30	0.007	0.002	125	90	
KK4500A	4500	1200-1800	45	2.12	5000	1.34	0.10	31-40	0.007	0.002	125	90	
KK4600A	4600	2400-3000	50	2.58	60000	1.52	0.12	50-65	0.005	0.0015	125	110	
KK4600A	4600	2400-3000	50	2.58	6000	1.52	0.12	66-80	0.005	0.0015	125	110	
KK4700A	4700	2000-2600	56	2.54	6000	1.46	0.11	50-60	0.005	0.0015	125	110	
KK4700A	4700	2000-2600	56	2.54	6000	1.46	0.11	61-70	0.005	0.0015	125	110	
KK4800A	4800	1600-2200	51	2.35	6000	1.36	0.10	45-55	0.005	0.0015	125	110	
KK4800A	4800	1600-2200	51	2.35	6000	1.36	0.10	56-70	0.005	0.0015	125	110	
KK5300A	5300	1200-1800	55	2.05	6000	1.30	0.08	21-30	0.005	0.0015	125	110	
KK5300A	5300	1200-1800	55	2.05	6000	1.30	0.08	31-40	0.005	0.0015	125	110	