

Part Number	V_{RRM} (V)	$I_{FAV}@T_C$ (A)	$V_{FM}@I_{FM}$ 25°C (mV)	E_{AS} (mJ)	I_{AR} (A)	$I_{RM}@V_{RWM}$ 25°C (mA)	Max T_J (°C)	Notes	Fax on Demand Number	Case Outline Key
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Surface-Mount Packages

D2PAK

10TQ035S	35	10	151	0.49	13	2	15	175	2	5	7	14	20057	K3
10TQ045S	45	10	151	0.49	13	2	15	175	2	5	7	14	20057	
12TQ035S	35	15	120	0.5	16	2.4	70	150	2	5	7	14	20239	
12TQ045S	45	15	120	0.5	16	2.4	70	150	2	5	7	14	20239	
18TQ045S	45	18	149	0.53	24	3.6	25	175	2	5	7	14	20178	
18TQ035S	45	18	149	0.53	24	3.6	25	175	2	5	7	14	20178	
19TQ015S	15	19	80	0.32	6.75	1.5	522	100	2	5	9	14	20266	
20TQ035S	35	20	116	0.51	27	4	105	150	2	5	7	14	20241	
20TQ045S	45	20	116	0.51	27	4	105	150	2	5	7	14	20241	
6TQ035S	35	6	163	0.51	8	1.2	7	175	2	7	5	14	20283	
6TQ045S	45	6	163	0.51	8	1.2	7	175	2	7	5	14	20283	
8TQ080S	80	8	157	0.58	7.5	0.5	7	175	2	7	5	14	20238	
8TQ100S	100	8	157	0.58	7.5	0.5	7	175	2	7	5	14	20238	

2 For EAS: $T_J = 25^\circ\text{C}$, $I_{AS}=I_{AR}$

5 Available on tape and reel. Refer to case outline.

7 For VFM and IFM: $T_J = 125^\circ\text{C}$ unless otherwise noted.

8 For VFM: $T_J = 25^\circ\text{C}$; for IRM $T_J=125^\circ\text{C}$

9 For VFM: $T_J = 75^\circ\text{C}$; for IRM $T_J=100^\circ\text{C}$

10 For VFM: $T_J = 25^\circ\text{C}$; for IRM $T_J=100^\circ\text{C}$

14 Current decaying linearly to 0 in 1 μs . Freq. by T_J max. $V_A=1.5 \times V_R$ typical

15 VFM rated at 160A

16 For VFM: $T_J=70^\circ\text{C}$; for IRM $T_J = 125^\circ\text{C}$

