

Introducing SEMICOA's Line of Commercial MOSFET Products

SEMICOA is a leading supplier of high-reliability discrete components for commercial, military and aerospace customers worldwide. Today, the company is building on its decades of delivering high-reliability, technology development with the introduction of a new wave of P-Channel and N-Channel Power MOSFETS for commercial applications.

Our new high reliability, discrete semiconductors offer distinct benefits to commercial and industrial customers concerned about achieving optimal power management, design robustness and long-term reliability.

Specifically, SEMICOA's proprietary gate architecture assures low leakage current, very low gate charge, ease of paralleling and fast switching times. These key features support the demanding requirements of Commercial-Industrial markets such as Energy Conversion, DC-DC & AC-DC Power Supplies, Motor Control, NetCom, Push-Pull Amplifiers and Lighting.

SEMICOA Power MOSFETs are provided in industry-standard commercial packages such as TO-220, TO-247, TO-251, TO-252, TO-263, TO-264, TO-267, QFN and Power SOIC.

Device	Type	BVD (V)	IDS (A)	RDS(ON) (mΩ)	VGS(th) (V)	Qg (nC)
SCF7423	P	-200	-14	315	-4 ~ -2	200
SCF7426	P	-200	-27	160	-4 ~ -2	300
SCF5932	P	-200	-30	103	-4 ~ -2	22
SCF7506	P	-100	-3.1	1200	-4 ~ -2	11
SCF9110	P	-100	-2.5	1200	-4 ~ -2	16
SCF9150	P	-100	-22.5	80	-4 ~ -1	200
SCF7422	P	-100	-22	80	-4 ~ -2	200
SCF5971	P	-100	-6.7	240	-4 ~ -2	40
SCF7389	P	-100	-6.5	300	-4 ~ -2	45
SCF7545	P	-100	-12.5	205	-4 ~ -2	45
SCF7425	P	-100	-35	73	-4 ~ -2	290
SCF7550	P	-100	-45	50	-4 ~ -2	170
SCF4483	P	-75	13	9	-3 ~ -1	200
SCF7626	P	-60	-0.53	1400	-2 ~ -1	3.6
SCF7520	P	-60	-21	85	-4 ~ -2	45
SCF7424	P	-60	-48	48	-4 ~ -2	300
SCF5930	P	-60	-45	17	-3 ~ -1	200
SCF4413	P	-30	-15	7.5	-3 ~ -1	200
SCF7479	N	30	22	20	2 ~ 4	45
SCF7478	N	30	45	4.5	2 ~ 4	240
SCF7467	N	30	75	3.5	-4 ~ -2	200
SCF7616	N	60	0.8	550	1 ~ 2	3.6
SCF7606	N	60	22	35	1 ~ 2	34
SCF7480	N	60	22	30	2 ~ 4	45

continued on reverse ►

For more info contact:

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Device	Type	BVD (V)	IDS (A)	RDS(ON) (mΩ)	VGS(th) (V)	Qg (nC)
SCF5706	N	60	35	12	2 ~ 4	160
SCF7394	N	60	35	27	2 ~ 4	200
SCF7431	N	60	35	21	2 ~ 4	270
SCF7520	N	60	21	85	2 ~ 4	200
SCF7470	N	60	45	6.6	2 ~ 4	240
SCF5306	N	60	35	6.6	2 ~ 4	235
SCF7524	N	60	56	17	2 ~ 4	235
SCF7587	N	100	22	42	2 ~ 4	50
SCF5713	N	100	14	70	2 ~ 4	50
SCF6756	N	100	14	180	2 ~ 4	35
SCF7493	N	100	11.7	80	2 ~ 4	50
SCF120	N	100	9.2	270	2 ~ 4	20
SCF7503	N	100	6.9	220	2 ~ 4	15
SCF7261	N	100	8	180	2 ~ 4	50
SCF5316	N	100	69	12	2 ~ 4	160
SCF7471	N	100	45	13	2 ~ 4	160
SCF540	N	100	36	44	1 ~ 2	104
SCF7268	N	100	45	130	2 ~ 4	160
SCF7485	N	130	20	80	2.5 ~ 4.5	48
SCF7589	N	150	19	88	2 ~ 4	50
SCF7592	N	200	16	130	2 ~ 4	42
SCF2351	N	200	22	60	2 ~ 4	42
SCF7390	N	200	4	800	2 ~ 4	38
SCF7262	N	200	5.5	350	2 ~ 4	50
SCF7486	N	200	12	220	2.5~4.5	35
SCF7489	N	200	12	230	2.5~4.5	35
SCF7476	N	200	45	44	2.5 ~ 4.5	165
SCF7473	N	200	45	39	2 ~ 4	155
SCF5725	N	200	31	60	2 ~ 4	150
SCF5726	N	200	35	49	2 ~ 4	155
SCF7269	N	200	26	100	2 ~ 4	170
SCF5726	N	250	28	60	2.5 ~ 4.5	165
SCF330	N	400	1	1000	2 ~ 4	145
SCF7465	N	400	5	1390	2.5~4.5	31
SCF9550	N	450	11	450	2 ~ 4	150
SCF7270	N	500	11	450	2 ~ 4	150
SCF7464	N	500	2.9	1650	2.5 ~ 4.5	30
SCF6762	N	500	4.5	1500	2 ~ 4	40
SCF6410	N	600	9	39	3 ~ 5	18
SCF6440	N	600	50	45	2.5 ~ 3.5	150

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