41E D 🗰 3719482 0000163 5 🎟 FCI

T-39-13

and a set of the set of the set

A CORTON COMPANY

POWER MOSFETs

PART-NO	V _{DS} (V)	I _D 25°C . (A)	100°C	R _{DS} (ON) (ohms)	C _{ISS} (PF)	I _{DM} (A)	P _D (W)	Package
IRF120 IRF122 IRF123 IRF130 IRF131 IRF132 IRF133 IRF140 IRF141 IRF142 IRF143 IRF143 IRF150 IRF151 IRF152 IRF153	$\begin{array}{c} 100\\ 100\\ 60\\ 100\\ 60\\ 100\\ 60\\ 100\\ 60\\ 100\\ 60\\ 100\\ 60\\ 100\\ 60\\ 100\\ 60\\ 100\\ 60\\ \end{array}$	$ \begin{array}{c} 8\\ 7\\ 7\\ 14\\ 14\\ 12\\ 27\\ 27\\ 24\\ 24\\ 40\\ 40\\ 33\\ 33\\ 33\\ \end{array} $	5 4 9 9 8 8 17 15 15 25 20 20	0.3 0.4 0.4 0.18 0.18 0.25 0.25 0.085 0.085 0.11 0.11 0.11 0.055 0.055 0.08 0.08	600 600 800 800 800 800 800 1600 1600 16	32 28 28 56 56 48 48 108 108 108 96 96 160 160 132 132	40 40 75 75 75 125 125 125 125 125 125 125 150 150 150	TO-3 TO-3 TO-3 TO-3 TO-3 TO-3 TO-3 TO-3
IRF220 IRF221 IRF222 IRF223 IRF230 IRF230 IRF232 IRF232 IRF240 IRF241 IRF242 IRF243 IRF243 IRF250 IRF251 IRF252 IRF253	$\begin{array}{c} 200\\ 150\\ 200\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100\\ 10$	5 5 4 9 9 8 8 8 18 18 16 16 16 30 30 25 25	3 3 2.5 2.5 6 6 5 5 11 11 10 10 19 16 16	$\begin{array}{c} 0.8\\ 0.8\\ 1.2\\ 1.2\\ 0.4\\ 0.6\\ 0.6\\ 0.6\\ 0.18\\ 0.18\\ 0.22\\ 0.22\\ 0.22\\ 0.085\\ 0.085\\ 0.12\\ 0.12\\ 0.12\\ \end{array}$	$\begin{array}{c} 600\\ 600\\ 600\\ 800\\ 800\\ 800\\ 800\\ 800\\$	$\begin{array}{c} 20\\ 20\\ 16\\ 16\\ 36\\ 32\\ 32\\ 72\\ 72\\ 64\\ 64\\ 120\\ 120\\ 100\\ 100\\ 100\\ \end{array}$	$\begin{array}{r} 40\\ 40\\ 40\\ 75\\ 75\\ 75\\ 75\\ 125\\ 125\\ 125\\ 125\\ 125\\ 150\\ 150\\ 150\\ 150\\ 150\\ 150\\ 150\\ 15$	TO-3 TO-3 TO-3 TO-3 TO-3 TO-3 TO-3 TO-3
IRF320 IRF321 IRF322 IRF323 IRF330 IRF331 IRF331 IRF332 IRF333 IRF340 IRF341 IRF342 IRF343 IRF343 IRF350 IRF351	400 350 400 350 400 350 400 350 400 350 400 350 400 350	3 3 2.5 2.5 5.5 4.5 4.5 4.5 10 10 10 8 8 15 15	2 1.5 1.5 3.5 3.5 3.5 3.5 6 5 5 9 9	<pre>' 1.8 1.8 2.5 2.5 1.0 1.0 1.5 1.5 0.55 0.55 0.8 0.8 0.3 0.3</pre>	$\begin{array}{c} 600\\ 600\\ 600\\ 900\\ 900\\ 900\\ 900\\ 900\\$	$ \begin{array}{c} 12\\ 12\\ 10\\ 10\\ 22\\ 22\\ 18\\ 18\\ 40\\ 40\\ 32\\ 32\\ 60\\ 60\\ \end{array} $	40 40 40 75 75 75 125 125 125 125 125 125 150 150	TO-3 TO-3 TO-3 TO-3 TO-3 TO-3 TO-3 TO-3
Z								

3

1080 G-11

C

Powered by ICminer.com Electronic-Library Service CopyRight 2003

12.34

39-13

and the second second

A CORTON COMPANY

POWER MOSFETs

PART-NO	V _{DS} (V)	I _D 25°C (A)	100°C	R _{DS} (ON) (ohms)	C _{ISS} (PF)	I _{DM} (A)	P _D (W)	Package
IRF352 IRF353	400 350	13 13	8 8	0.4 0.4	3000 3000	52 52	150 150	TO-3 TO-3
IRF420 IRF421 IRF422 IRF423 IRF430 IRF431 IRF432 IRF433 IRF440 IRF441 IRF442 IRF442 IRF443 IRF445 IRF450 IRF452 IRF453	$\begin{array}{c} 500\\ 450\\ 500\\ 450\\ 500\\ 450\\ 500\\ 450\\ 500\\ 450\\ 500\\ 150\\ 500\\ 450\\ 500\\ 450\\ 500\\ 450\\ 500\\ 450\end{array}$	$2.5 \\ 2.5 \\ 2 \\ 4.5 \\ 4.5 \\ 4 \\ 4 \\ 8 \\ 8 \\ 7 \\ 7 \\ 13 \\ 12 \\ 12$	$ \begin{array}{r} 1.5 \\ 1.5 \\ 1 \\ 3 \\ 2.5 \\ 2.5 \\ 5 \\ 5 \\ 4 \\ 4 \\ 8 \\ 7 \\ 7 \\ 7 \end{array} $	$\begin{array}{c} 3\\ 3\\ 4\\ 4\\ 1.5\\ 1.5\\ 2\\ 2\\ 0.85\\ 0.85\\ 1.1\\ 1.1\\ 0.4\\ 0.4\\ 0.5\\ 0.5\\ \end{array}$	$\begin{array}{r} 400\\ 400\\ 400\\ 800\\ 800\\ 800\\ 800\\ 1600\\ 1600\\ 1600\\ 1600\\ 1600\\ 3000\\ 3000\\ 3000\\ 3000\\ 3000\\ \end{array}$	$ \begin{array}{r} 10 \\ 10 \\ 8 \\ 8 \\ 18 \\ 16 \\ 16 \\ 32 \\ 32 \\ 28 \\ 28 \\ 28 \\ 52 \\ 52 \\ 48 \\ 48 \\ \end{array} $	40 40 40 75 75 75 125 125 125 125 125 125 150 150 150	TO-3 TO-3 TO-3 TO-3 TO-3 TO-3 TO-3 TO-3
IRF510 IRF511 IRF512 IRF513 IRF520 IRF521 IRF522 IRF523 IRF530 IRF531 IRF532 IRF533 IRF540 IRF541 IRF542 IRF543	$ \begin{array}{r} 100 \\ 60 \\ 100 \\ 10 \\ 100 \\ 10 \\ 100 \\ 10 \\ 10$	4 3.5 3.5 8 8 7 7 14 14 12 12 27 27 24 24	2.5 2.5 2.0 2.0 5 4 4 9 9 8 8 17 17 15 15	$\begin{array}{c} 0.6\\ 0.6\\ 0.8\\ 0.8\\ 0.3\\ 0.3\\ 0.4\\ 0.4\\ 0.18\\ 0.18\\ 0.25\\ 0.25\\ 0.25\\ 0.085\\ 0.085\\ 0.11\\ 0.11\\ 0.11\\ \end{array}$	$\begin{array}{c} 150 \\ 150 \\ 150 \\ 150 \\ 600 \\ 600 \\ 600 \\ 800 \\ 800 \\ 800 \\ 800 \\ 800 \\ 1600 \\ 1600 \\ 1600 \\ 1600 \\ 1600 \end{array}$	$16 \\ 16 \\ 14 \\ 14 \\ 32 \\ 32 \\ 28 \\ 28 \\ 28 \\ 56 \\ 56 \\ 48 \\ 48 \\ 108 \\ 108 \\ 108 \\ 96 \\ 96 \\ 96$	$\begin{array}{c} 20\\ 20\\ 20\\ 20\\ 40\\ 40\\ 40\\ 75\\ 75\\ 75\\ 75\\ 125\\ 125\\ 125\\ 125\\ 125\\ 125\\ 125\\ 12$	TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220
IRF610 IRF611 IRF612 IRF613 IRF620 IRF621 IRF621 IRF623 IRF630 IRF631 IRF632	200 150 200 150 200 150 200 150 200 150 200	2.5 2.5 2 5 5 4 4 9 9 8	$1.5 \\ 1.5 \\ 1.25 \\ 1.25 \\ 3 \\ 2.5 \\ 2.5 \\ 6 \\ 6 \\ 5$	$1.5 \\ 1.5 \\ 2.4 \\ 2.4 \\ 0.8 \\ 0.8 \\ 1.2 \\ 1.2 \\ 0.4 \\ 0.4 \\ 0.6$	$150 \\ 150 \\ 150 \\ 600 \\ 600 \\ 600 \\ 600 \\ 800 $	10 10 8 20 20 16 16 16 36 36 32	20 20 20 40 40 40 40 75 75 75	TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220 TO-220

Ц

41E D 🖬 3719482 0000165 9 🖬 FCI



A CORTON COMPANY

POWER MOSFETs

PART-NO	V _{DS}	I _D 25°C		R _{DS} (ON)	C _{ISS}	I _{DM}	P _D	Package
	(V)	(A))	(ohms)	(PF)	(A)	(W)	
IRF633 IRF640	150 200	8 18 18	5 11 11	0.6 0.18 0.18	800 1600 1600	32 72 72	75 125 125	TO-220 TO-220 TO-220
IRF641 IRF642 IRF643	150 200 150	16 16 16	10 10	0.18 0.22 0.22	1600 1600 1600	64 64	125 125 125	TO-220 TO-220 TO-220
IRF710 IRF711 IRF712	400 350 400	1.5 1.5 1.3	1 1 0.8	3.6 3.6 5	150 150 150	6 6 5 5	20 20 20	TO-220 TO-220 TO-220
IRF713 IRF720 IRF721 IRF722	350 400 350	1.3 3 3 2.5	0.8 2 2 1.5	5 1.8 1.8 2.5	150 600 600 600	5 12 12 10	20 40 40 40	TO-220 TO-220 TO-220 TO-220
IRF722 IRF723 IRF730 IRF731	400 350 400 350	2.5 5.5 5.5	1.5 3.5 3.5	2.5 1 1	600 800 800	10 22 22	40 75 75	TO-220 TO-220 TO-220
IRF732 IRF733 IRF740 IRF741 IRF742	400 350 400 350 400	4.5 4.5 10 10 8	3 3 6 5 5	1.5 1.5 0.55 0.55 0.8	800 800 1600 1600 1600	18 18 40 40 32	75 75 125 125 125	TO-220 TO-220 TO-220 TO-220 TO-220
IRF743 IRF820 IRF821	350 500 450	8 2.5 2.5	5 1.5 1.5	0.8 3 3	1600 400 400	32 10 10	125 40 40	TO-220 TO-220 TO-220
IRF822 IRF823 IRF830 IRF831	500 450 500 450	2 2 4.5 4.5	1 1 3 3	4 4 1.5 1.5	400 400 800 800	8 8 18 18	40 40 75 75	TO-220 TO-220 TO-220 TO-220
IRF832 IRF833 IRF840 IRF841 IRF842	500 450 500 450 500	4 4 8 8 7	2.5 2.5 5 5 4	2 2 0.85 0.85 1.10	800 800 1600 1600 1600	16 16 32 32 28	75 75 125 125 125	TO-220 TO-220 TO-220 TO-220 TO-220
IRF843	450	7	4	1.10	1600	28	125	TO-220 TO-220
IRFP140 IRFP141 IRFP142 IRFP143 IRFP150 IRFP151 IRFP152	$ 100 \\ 60 \\ 100 \\ 60 \\ 100 \\ 60 \\ 100 \\ 100 $	27 27 24 24 40 40 33	17 17 15 25 25 20	0.085 0.085 0.11 0.11 0.055 0.055 0.08	1600 1600 1600 3000 3000 3000 3000	108 108 96 96 160 160 132	$125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 150 $	TO-3P TO-3P TO-3P TO-3P TO-3P TO-3P TO-3P
IRFP153 IRFP240 IRFP241 IRFP242 IRFP243	60 200 150 200 150	33 18 18 16 16	20 11 11 10 10	0.08 0.18 0.18 0.22 0.22	3000 1600 1600 1600 1600	132 72 72 64 64	150 125 125 125 125	TO-3P TO-3P TO-3P TO-3P TO-3P

.

1082 G-13

POWER MOSFETs

39-13

A CORTON COMPANY

PART-NO	V _{DS} (V)	I _D 25°C (A)	100°C	R _{DS} (ON) (ohms)	C _{ISS} (PF)	I _{DM} (А)	P _D (W)	Package	
IRFP250 IRFP251 IRFP252 IRFP253	200 150 200 150	30 30 25 25	19 19 16 16	0.085 0.085 0.12 0.12	3000 3000 3000 3000 3000	120 120 100 100	150 150 150 150	TO-3P TO-3P TO-3P TO-3P	
IRFP340 IRFP3411 IRFP342 IRFP343 IRFP350 IRFP351 IRFP352 IRFP353	400 350 400 350 400 350 400 350	10 10 8 8 15 15 13 13 13	6 6 5 5 9 9 8 8	$\begin{array}{c} 0.55\\ 0.55\\ 0.8\\ 0.8\\ 0.4\\ 0.4\\ 0.5\\ 0.5\\ 0.5\\ \end{array}$	1600 1600 1600 3000 3000 3000 3000 3000	40 40 32 32 60 60 52 52 52	125 125 125 125 150 150 150 150	TO-3P TO-3P TO-3P TO-3P TO-3P TO-3P TO-3P TO-3P	
IRFP440 IRFP441 IRFP442 IRFP443 IRFP450 IRFP451 IRFP452 IRFP453	500 450 500 450 500 450 500 450	8 8 7 13 13 13 12 12	5 5 4 4 8 8 7 7	0.85 0.85 1.1 1.1 0.3 0.3 0.4 0.4	1600 1600 1600 2000 2000 2000 2000 2000	32 32 28 28 52 52 48 48 48	$125 \\ 125 \\ 125 \\ 125 \\ 150 $	TO-3P TO-3P TO-3P TO-3P TO-3P TO-3P TO-3P TO-3P	

FCI COMPONENTS LISTING

BRIDGE RECTIFIERS(1.5 AMPS TO 35 AMPS, W, MDA, DF, KBL AND KBPC SERIES)FAST RECOVERY RECTIFIERS(1, 1.5, 2.0, AND 3 AMPS, FROM 50 TO 1KV)FAST RECOVERY HIGH VOLTAGE RECTIFIERS

HIGH VOLTAGE RECTIFIERS (200 MA AND 500 MA FROM 1500V TO 15KV) HIGH EFFICIENCY RECTIFIERS

SCHOTTKY RECTIFIERS

ULTRA FAST RECOVERY RECTIFIERS

POWER TRANSISTORS (2N SERIES, AND ASSOCIATED FAMILY)

POWER MOSFETS

TRANSIENT VOLTAGE SUPPRESSORS

ADAPTERS AC TO AC, AC TO DC, DC TO DC. (UP TO 35 WATTS) TRANSFORMERS DC-TO-DC CONVERTOR

6

1083 G-14