

DrMOS Cross Reference Table

	Vendor	Part	Intel Spec.	QFN6x6 40L	LDO	SMOD	ZCD	THWN	THDN	V _{IN} [V]	V _{PWM} [V]	Peak Efficiency	I _{OUT} [A]	Comment
ZSPM9000	IDT	ZSPM9000	✓	✓	✓	✓	✓	✓	✓	3 – 15	3.3	≤93%	50	
	Fairchild	FDMF6704V	✓	✓	✓	✓	✓	✓	✓	3 – 14	3.3	≤93%	35	
		FDMF6705V	✓	✓	✓	✓	✓	✓	✓	3 – 15	3.3	≤93%	40	
		FDMF6707V	✓	✓	✓	✓	✓	✓	✓	3 – 15	3.3	≤93%	50	
	Renesas	R2J20652ANP	✓	✓	✓	✓	✓	✓	✓	4.5 – 22	5	≤92%	35	
		R2J20655NP	✓	✓	✓	✓	✓	✓	✓	4.5 – 22	3.3, 5	≤92%	35	
		R2J20655BNP	✓	✓	✓	✓	✓	✓	✓	4.5 – 22	5	≤92%	35	
		R2J20657NP	✓	✓	✓	✓	✓	✓	✓	4.5 – 16	3.3, 5	≤92%	40	
		R2J20657BNP	✓	✓	✓	✓	✓	✓	✓	4.5 – 16	3.3, 5	≤92%	40	
		R2J20657CNP	✓	✓	✓	✓	✓	✓	✓	4.5 – 16	3.3, 5	≤92%	40	
		R2J20658NP	✓	✓	✓	✓	✓	✓	✓	4.5 – 16	3.3, 5	n/a	40	
		R2J20658BNP	✓	✓	✓	✓	✓	✓	✓	4.5 – 16	5	n/a	40	
ZSPM9010	IDT	ZSPM9010	✓	✓	✓	✓	✓	✓	✓	3 – 15	3.3	≤93%	50	
	Fairchild	FDMF6704	✓	✓	✓	✓	✓	✓	✓	3 – 14	5	≤93%	35	
		FDMF6704A	✓	✓	✓	✓	✓	✓	✓	3 – 14	5	≤93%	35	
		FDMF6705	✓	✓	✓	✓	✓	✓	✓	3 – 24	5	≤93%	40	
		FDMF6705B	✓	✓	✓	✓	✓	✓	✓	3 – 24	3.3	≤93%	40	
		FDMF6706B	✓	✓	✓	✓	✓	✓	✓	3 – 15	3.3	≤93%	45	
		FDMF6706C	✓	✓	✓	✓	✓	✓	✓	3 – 15	5	≤93%	40	
		FDMF6707B	✓	✓	✓	✓	✓	✓	✓	3 – 15	3.3	≤93%	50	
		FDMF6707C	✓	✓	✓	✓	✓	✓	✓	3 – 15	5	≤93%	50	
	Vishay	SiC778ACD	✓	✓	✓	✓	✓	✓	✓	4.5 – 18	3.3	≤91%	45	
		SiC780CD	✓	✓	✓	✓	✓	✓	✓	4.5 – 18	3.3	≤93%	50	
		SiC780ACD	✓	✓	✓	✓	✓	✓	✓	4.5 – 18	5	≤93%	50	
	Renesas	R2J20651NP	✓	✓	✓	✓	✓	✓	✓	4.5 – 14	3.3, 5	n/a	35	
		R2J20651ANP	✓	✓	✓	✓	✓	✓	✓	4.5 – 14	5	n/a	35	
		R2J20653ANP	✓	✓	✓	✓	✓	✓	✓	4.5 – 22	5	n/a	35	
	Infineon	TDA21211	✓	✓	✓	✓	✓	✓	✓	5 – 25	3.3, 5	n/a	35	Discontinued
		TDA21220	✓	✓	✓	✓	✓	✓	✓	5 – 16	3.3	≤93%	50	
	OnSemi	NCP5366	✓	✓	✓	✓	✓	✓	✓	4.5 – 25	3.3	n/a	40	
	A&O	AOZ5006QI	✓	✓	✓	✓	✓	✓	✓	4.5 – 16	5	≤92%	35	
		AOZ5006QI-01	✓	✓	✓	✓	✓	✓	✓	4.5 – 16	3.3	≤92%	35	
		AOZ5007QI	✓	✓	✓	✓	✓	✓	✓	4.5 – 25	5	n/a	50	
		AOZ5007QI-01	✓	✓	✓	✓	✓	✓	✓	4.5 – 25	3.3	n/a	50	
	IR	IR3551		QFN5x6 28L		✓	✓	✓	✓	4.5 – 15	3.3	≤94%	50	
		IR3553		QFN4x6 25L		✓	✓	✓	✓	4.5 – 15	3.3	≤93%	40	
ZSPM9015	IDT	ZSPM9015	✓	✓	✓	✓	✓	✓	✓	4.5 – 25	3.3, 5	≤93%	35	
	Fairchild	FDMF6708N	✓	✓	✓	✓	✓	✓	✓	3 – 24	5	≤93%	50	Not Launched
		FDMF6708AN	✓	✓	✓	✓	✓	✓	✓	3 – 24	3.3	≤93%	50	
		FDMF3030	✓	✓	✓	✓	✓	✓	✓	3 – 24	5	≤93%	50	
		FDMF582x	✓	QFN5x5 31L	✓	✓	✓	✓	✓	3 – 16??	3.3	≤93%	60	
		FDMF583x	✓	QFN5x5 31L	✓	✓	✓	✓	✓	3 – 24??	3.3	≤93%	60	
	Vishay	SiC762	✓	✓	✓	✓	✓	✓	✓	3 – 27	5	≤90%	35	
		SiC769	✓	✓	✓	✓	✓	✓	✓	3 – 16	5	≤90%	35	
		SiC769A	✓	✓	✓	✓	✓	✓	✓	3 – 16	3.3	≤90%	35	
		SiC779	✓	✓	✓	✓	✓	✓	✓	3 – 16	5	≤93%	40	
	IR	IR3550		QFN6x6 32L	✓	✓	✓	✓	✓	4.5 – 15	3.3	≤95%	60	
		IR3551		QFN5x6 28L	✓	✓	✓	✓	✓	4.5 – 15	3.3	≤94%	50	
		IR3553		QFN4x6 25L	✓	✓	✓	✓	✓	4.5 – 15	3.3	≤93%	40	
	Renesas	R2J20654NP	✓	✓	✓	✓	✓	✓	✓	4.5 – 16	3.3, 5	n/a	40	
		R2J20654ANP	✓	✓	✓	✓	✓	✓	✓	4.5 – 22	5	n/a	35	
	OnSemi	NCP5369	✓	✓	✓	✓	✓	✓	✓	4.5 – 25	5	n/a	35	
		NCP81081	✓	✓	✓	✓	✓	✓	✓	4.5 – 25	3.3, 5	n/a	35	
ZSPM9060	IDT	ZSPM9060	✓	✓	✓	✓	✓	✓	✓	3 – 16	3.3	≤93%	60	
	Fairchild	FDMF6820A	✓	✓	✓	✓	✓	✓	✓	3 – 16	3.3	≤93%	60	
		FDMF6820B	✓	✓	✓	✓	✓	✓	✓	3 – 16	3.3	≤93%	55	
		FDMF6820C	✓	✓	✓	✓	✓	✓	✓	3 – 16	3.3	≤93%	50	
		FDMF6821A	✓	✓	✓	✓	✓	✓	✓	3 – 16	3.3	≤93%	60	
		FDMF6821B	✓	✓	✓	✓	✓	✓	✓	3 – 16	3.3	≤93%	55	
		FDMF6821C	✓	✓	✓	✓	✓	✓	✓	3 – 16	3.3	≤93%	50	
		FDMF6823A	✓	✓	✓	✓	✓	✓	✓	3 – 16	5	≤93%	60	
		FDMF6823B	✓	✓	✓	✓	✓	✓	✓	3 – 16	5	≤93%	55	
		FDMF6823C	✓	✓	✓	✓	✓	✓	✓	3 – 16	5	≤93%	50	
		FDMF6833C	✓	✓	✓	✓	✓	✓	✓	3 – 24	5	≤93%	50	
	IR	IR3550		QFN6x6 32L	✓	✓	✓	✓	✓	4.5 – 15	3.3	≤95%	60	
	Infineon	TDA21222	✓	✓	✓	✓	✓	✓	✓	4.5 – 16	3.3 / 5	≤93%	60	Not Launched
		TDA21223	✓	✓	✓	✓	✓	✓	✓	4.5 – 16	5	≤93%	60	Not Launched
	TI	CSD96370Q5M		SON5x6						3.3 – 13.2	3.3 / 5	≤93%	60	
		CSD97370Q5M		SON5x6						3.3 – 22	3.3 / 5	≤93%	60	

Compatibility Colour Code	100%	75%	50%
		Review customer requirements with Apps	Review customer requirements with Apps