

# DrMOS Cross Reference Table



	Vendor	Part	Intel Spec.	QFN6x6 40L	LDO	SMOD	ZCD	THWN	THDN	V <sub>IN</sub> [V]	V <sub>PWM</sub> [V]	Peak Efficiency	I <sub>OUT</sub> [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