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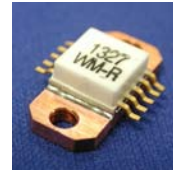


Discrete FET Summary

Model	Test freq	Gss	CU Package		QG Package		Vd	Id
			P1dB	IP3	Effi			
QG Series FET								
AM006MX-QG-R	3.5GHz	13dB	22dBm	34dBm	42%	5V	60mA	
AM012MX-QG-R	3.5GHz	13dB	25dBm	37dBm	42%	5V	120mA	
AM024MX-QG-R	3.5GHz	13dB	28dBm	39dBm	42%	5V	240mA	
AM036MX-QG-R	3.5GHz	12dB	29.5dBm	42dBm	42%	5V	360mA	
AM048MX-QG-R	3.5GHz	11dB	31dBm	43dBm	42%	5V	480mA	
AM072MX-QG-R	3.5GHz	11dB	32.5dBm	44dBm	42%	5V	720mA	
QF Series FET								
AM006MX-QF-R	3.5GHz	13dB	23.5dBm	35dBm	42%	7V	60mA	
AM012MX-QF-R	3.5GHz	13dB	26.5dBm	37dBm	42%	7V	120mA	
AM024MX-QF-R	3.5GHz	13dB	29.5dBm	40dBm	42%	7V	240mA	
AM036MX-QF-R	3.5GHz	12dB	31dBm	42dBm	42%	7V	360mA	
AM048MX-QF-R	3.5GHz	11dB	32.5dBm	44dBm	42%	7V	480mA	
AM072MX-QF-R	3.5GHz	11dB	34dBm	44dBm	42%	7V	720mA	
Cu Series FET								
AM072MX-CU-R	3.5GHz	11dB	34dBm	46dBm	40%	7V	720mA	
AM100MX-CU-R	4.1GHz	10dB	35dBm	48dBm	37%	7V	1000mA	
AM150MX-CU-R	3.5GHz	10dB	36.5dBm	50dBm	37%	7V	1500mA	
AM200MX-CU-R	3.5GHz	10dB	38dBm	48dBm	35%	7V	2000mA	
AM300MX-CU-R	2.9GHz	9dB	39.5dBm	52dBm	30%	7V	3000mA	
HIFET								
AM005MH2-BI-R	3.5GHz	15dB	25dBm	40dBm	40%	14V	50mA	
AM010MH2-BI-R	3.5GHz	15dB	28dBm	43dBm	40%	14V	100mA	
AM020MH2-BI-R	3.5GHz	15dB	31dBm	46dBm	40%	14V	200mA	
AM120MH2-BI-R	3.5GHz	15dB	39dBm	50dBm	30%	14V	1200mA	
AM010MH4-BI-R	2.0GHz	19dB	31dBm	46dBm	35%	28V	100mA	
AM032MH4-BI-R	2.0GHz	19dB	36dBm	49dBm	35%	28V	320mA	
SOT-89 Series								
AM048MX-89	3.5GHz	9dB	31dBm	43dBm	42%	5V	480mA	
AM048MX-89-R	3.5GHz	9dB	31dBm	43dBm	42%	5V	480mA	



BM



FM

MMIC Summary

Model	Frequency	Gss	P1dB	IP3	Effi	Vd	Vg
AM002535MM-BM(FM)-R	20MHz-2.5GHz	23dB	33dBm	45dBm	20%	20V	-1
AM003536WM-BM(FM)-R	10MHz-3.5GHz	23dB	35dBm	48dBm	20%	20V	-1
AM011037-WM(FM)-R	100-1000MHz	30dB	37dBm	50dBm	50%	8V	-0.7
AM012020WM-BM-R	100-2000MHz	30dB	16dBm	NF=2dB	--	8V	- 1.2
AM012535MM-BM(FM)-R	30MHz-2.5GHz	23dB	33dBm	45dBm	20%	20V	-2.8
AM103026MM-BM-R	0.9-3.2GHz	22dB	25dBm	43dBm	10%	14V	-2
AM132740MM-BM(FM)-R	1.3-2.7GHz	26dB	38dBm	51dBm	30%	14V	-0.6
AM142540MM-BM(FM)-R	1.4-1.8GHz	25dB	39dBm	50dBm	35%	14V	-0.86
AM143440WM-BM(FM)-R	1.4-3.4GHz	20.dB	38dBm	44dBm	44%	12V	- 0.9
AM153040WM-BM(FM)-R	1.4-3.4GHz	18dB	37dBm	43dBm	30%	12V	-0.9
AM183031WM-BM-R	1.6-3.3GHz	31dB	31dBm	40dBm	25%	8V	-1
AM203033MM-BM-R	2.2-3.6GHz	35dB	32dBm	41dBm	24%	8V	-1
AM204437WM-BM(FM)-R	2.0-4.4GHz	30dB	37dBm	NA	25%	8V	-0.76
AM244236WM-BM(FM)-R	2.4-4.2GHz	31dB	36dBm	NA	30%	8V	-0.76
AM254038WM-BM(FM)-R	2.5-4.0GHz	18dB	38dBm	45dBm	35%	12V	-0.9
AM254540WM-BM(FM)-R	2.5-4.5GHz	18dB	40dBm	53dBm	40%	12V	-1
AM284233MM-BM-R	2.8-4.2GHz	34dB	33dBm	40dBm	25%	8V	-0.7
AM304031WM-BM-R	2.6-4.6GHz	31dB	32dBm	39dBm	25%	8V	-0.7
AM324036WM-BM(FM)-R	3.0-4.2GHz	29dB	36dBm	45dBm	25%	8V	-0.7

[Note 1]: Size of BM package: 0.7 x 0.7 x 0.1 inch

[Note 2]: See data sheet at www.amcomusa.com for detailed information.



Module Summary

Model	Frequency	Gss	P1dB	IP3	Effi	Vd	Vg	Size (Inch)
AM000551SF-2H	30-500MHz	26dB	125W		30%	28V	None	8.8x1.5x0.91
AM003040SF-2H	10-3000MHz	22dB	10W	50dBm	22%	24V	None	6.0x4.0x0.66
AM003536SF-2H	10-3500MHz	22dB	4W	49dBm	20%	24V	None	2.8x2.0x0.56
AM020331SF-2D	100-350MHz	25dB	2W	NA	30%	7V	-5	1.3x0.47x0.17
AM020336SF-4H	175-325MHz	60dB	4W	46dBm	45%	8V	None	3.15x2.15x0.49
AM020340SF-3H	170-320MHz	35dB	14W	NA	25%	28V	None	8.13x3.6x1.25
AM042644SF-3H	300-2600MHz	35dB	20W	50dBm	33%	28V	None	4.72x2.56x0.98
AM053231SF-3H	500-3500MHz	20dB	1.6W	NA	10%	15V	-5	4.0x3.0x0.75
AM080947SF-2H	860-900MHz	25dB	50W	57dBm	30%	10V	-5	14.1x7.85x1.45
AM091047SF-2H	935-960MHz	24dB	40W	57dBm	30%	10V	-5	14.1x7.85x1.45
AM091247SF-2H	900-1300MHz	20dB	30W	NA	25%	31V, 7V	-5	8.63x3.0x1.12
AM091251SF-1H	900-1300MHz	10dB	100W*	NA	30%	31V	None	8.8x3.5x0.91
AM091253SF-2H	950-1250MHz	20dB	200W*	NA	25%	31V	None	14.76x6x1.12
AM091257SF-6H	950-1250MHz	70dB	500W*	NA	NA	208V AC	None	See data Sheet
AM094233SF-3H	900-4200MHz	19dB	1.6W	NA	10%	15V	-5	4.0x3.0x0.75
AM131535SF-2H	1350-1517MHz	30dB	3W	47dBm	12%	16.5V	-15	6.0x1.3x0.67
AM141940SF-2H	1400-1800MHz	25dB	5.5W	50dBm	20%	16V	None	2.8x2.0x0.56
AM183031SF-3H	1800-3400MHz	31dB	1.25W	38dBm	12%	12V	None	2.8x2.0x0.56
AM204437SF-3H	2000-4400MHz	30dB	4W	44dBm	15%	12V	None	2.8x2.0x0.56
AM232537SF-2H T/R Module	2100-2600MHz	TX:22dB RX:16dB	5W	N/A	20%	14V	None	2.8x3.0x0.56

		NF:1.5dB						
AM243638SF-4H	2400-3600MHz	37dB	6.3W	45dBm	25%	13V	None	4.0x2.5x0.56
AM273545SF-6H	2500-4000MHz	50dB	30W	53dBm	19%	12V	None	8x4.75x1.0
AM304031SF-3H	2600-4600mhZ	29dB	1.25W	37dBm	12%	12V	None	2.8x2.0x0.56
AM304233SF-2H	3000-4200MHz	16dB	2W	43dBm	24%	7V	-2	2.1x1.11x0.59
AM324036SF-3H	3000-4200MHz	29dB	4W	43dBm	19%	12V	None	2.8x2.0x0.56
AM343635SF-2H	3400-3600MHz	18dB	4W	45dBm	27%	7V	-2	2.8x1.5x0.61
AM404233SF-2H	4000-4200MHz	16dB	2W	45dBm	31%	7V	-2	2.6x1.5x0.54
Repeater T/R	800-1900MHz, PCS/AMPS. See Data sheet at www.amcomusa.com							

* Saturated output power

**For detailed performance, see data sheet at www.amcomusa.com