

# MarkTech Optoelectronics

## Avalanche Photo Detectors



# APD

Features	Product	VBR	Peak Wavelength	Spectral Range	Active Area	Dark Current	Rise Time
APD with TIA	MTAPD-05-003	160V - 200V	800	400-1100	(500um) .2 mm2		
	MTAPD-06-001	120V - 160V	800	400-1100	(230um) .04 mm2	0.4nA	.3ns
	MTAPD-06-003	120V - 160V	800	400-1100	(230um) .04 mm2	0.4nA	.3ns
	MTAPD-06-005	120V - 160V	800	400-1100	(500um) .2 mm2	0.5nA	.3ns
	MTAPD-06-006	160V - 200V	800	400-1100	(500um) .2 mm2	0.5nA	.3ns
	MTAPD-06-007	120V - 160V	800	400-1100	(500um) .2 mm2	0.5nA	.3ns
	MTAPD-06-008	160V - 200V	800	400-1100	(500um) .2 mm2	0.5nA	.3ns
	MTAPD-07-001	120V - 160V	800	400-1100	(230um) .04 mm2	50pA	.3ns
	MTAPD-07-003	120V - 160V	800	400-1100	(230um) .04 mm2	0.4nA	.3ns
	MTAPD-07-005	120V - 160V	800	400-1100	(500um) .2 mm2	0.5nA	.3ns
	MTAPD-07-007	120V - 160V	800	400-1100	(500um) .2 mm2	100pA	.3ns
	MTAPD-06-009	120V - 160V	905	400-1100	(230um) .04 mm2	1.0nA	.6ns
	MTAPD-06-010	160V - 200V	905	400-1100	(230um) .04 mm2	1.0nA	.6ns
	MTAPD-06-011	120V - 160V	905	400-1100	(230um) .04 mm2	1.0nA	.6ns
	MTAPD-06-012	160V - 200V	905	400-1100	(230um) .04 mm2	1.0nA	.6ns
	MTAPD-06-013	120V - 160V	905	400-1100	(500um) .2 mm2	1.0nA	.6ns
	MTAPD-06-014	160V - 200V	905	400-1100	(500um) .2 mm2	1.0nA	.6ns
	MTAPD-06-015	120V - 160V	905	400-1100	(500um) .2 mm2	1.0nA	.6ns
	MTAPD-06-016	160V - 200V	905	400-1100	(500um) .2 mm2	1.0nA	.6ns
Filtered	MTAPD-06-016-905F	160V - 200V	905	800-1000	(500um) .2 mm2	1.0nA	0.6ns
	MTAPD-07-009	120V - 160V	905	400-1100	(230um) .04 mm2	200pA	.6ns
	MTAPD-07-010	160V - 200V	905	400-1100	(230um) .04 mm2	200pA	.6ns
	MTAPD-07-011	120V - 160V	905	400-1100	(230um) .04 mm2	1.0nA	.6ns
	MTAPD-07-012	160V - 200V	905	400-1100	(230um) .04 mm2	1.0nA	.6ns
Filtered	MTAPD-07-012-905F	160V - 200V	905	800-1000	(500um) 0.04 mm2	1.0nA	0.6ns
	MTAPD-07-013	120V - 160V	905	400-1100	(500um) .2 mm2	1.0nA	.6ns
	MTAPD-07-014	160V - 200V	905	400-1100	(500um) .2 mm2	1.0nA	.6ns
Filtered	MTAPD-07-014-905F	160V - 200V	905	800-1000	(500um) .2 mm2	1.0nA	0.6ns

	MTAPD-07-015	120V - 160V	905	400-1100	(500um) .2 mm2	400pA	.6ns
Filtered	MTAPD-07-015-905F	120V - 160V	905	800-1000	(500um) .2 mm2	1.0nA	0.6ns
	MTAPD-07-016	160V - 200V	905	400-1100	(500um) .2 mm2	400pA	.6ns