

**SEMICONDUCTOR DICE**

ZETEX SEMICONDUCTORS

**PHOTOTRANSISTORS/PHOTODARLINGTON**

Dice type	Description	$V_{CE0}$	$V_{CB0}$	$V_{EB0}$	$I_{CE0}$ at $V_{CE} = 10V$	$I_p$ at $V_{CE} = 10V$	Spectral sensitivity range	Geometry
		V	V	V	$\mu A$	$\mu A/ft^2$	nm	
ZM100	Photodarlington	35	35	10	1.0	35-160	400-1100	G30
ZM110	Phototransistor	35	35	5	0.025	2-10	400-1100	G31
ZM210	Phototransistor	35	35	5	0.010	7-35	400-1100	G32

**PIN PHOTODIODES**

Dice type	Description	$V_{BR}$	$I_R$ at $V_R = 10V$	$I_p$ at $E_e = 1mW/cm^2$ $V_R = 5V \lambda = 950nm$	Spectral sensitivity range	Geometry
		V	nA	$\mu A$	nm	
BPW41	7.25mm <sup>2</sup> PIN Photodiode	32	2(<30)	(>25) 45	400-1100	G33
BPW50	5mm <sup>2</sup> PIN Photodiode	32	2(<20)	(>20) 32	400-1100	G34
ZPA200	1mm <sup>2</sup> PIN Photodiode	32	1(<10)	(>4) 7	400-1100	G35