

Photodetectors

Type	Construction	Typ. Peak Spectral Response (nm)	Max. Power Diss. (mW)	Diode Rev. Volts (V)	Transistor Max. Ratings			Typical Light Current		Typical Dark Current		Case Outline	Lead Info.	Man.	
					V _{CBO} (V)	V _{CEO} (V)	V _{EBO} (V)	µA	at V _{CE}	nA	at V _{CE}				
LS616	S1	"	-	50	-	-	-	5mA	5	25	30	-	127	TI	
LS617	S1	"	-	50	-	-	-	6mA	5	25	30	-	127	TI	
LS618	S1	"	-	50	-	-	-	7mA	5	25	30	-	127	TI	
LS619	S1	"	-	50	-	-	-	8mA	5	25	30	-	127	TI	
MAL100	S1	"	-	200	-	50	30	200	5	100	5	-	05	u	
MEL31	S1	"	-	200	-	40	30	10	5	50	5	TO-106	05	u	
MEL32	S1	"	-	200	-	60	40	30	5	50	5	TO-106	05	u	
MEL100	S1	"	-	200	-	50	30	200	5	100	5	TO-106	05	u	
MEPT100	S1	"	-	200	-	50	30	200	5	100	5	TO-106	05	u	
MEPT100A	S1	"	-	200	-	50	30	1mA	5	100	5	TO-106	05	u	
MEPT100B	S1	"	-	200	-	50	30	1.3mA	5	100	5	TO-106	133	u	
MRD160	S1	"	800	-	40	40	-	1.5mA	-	100	20	-	-	Mo	
MRD300	S1	"	800	-	50	50	-	7.5mA	-	25	20	-	-	Mo	
MRD310	S1	"	800	-	50	50	-	2.5mA	-	25	20	-	-	Mo	
MRD450	S1	"	800	-	40	40	-	4mA	-	100	20	-	-	Mo	
MRD500	S1	"	800	-	100	-	-	9	-	2	20	-	-	Mo	
MRD510	S1	"	800	-	100	-	-	2	-	2	20	-	-	Mo	
MRD601	S1	"	800	-	50	50	-	1.5mA	-	25	30	-	-	Mo	
MRD602	S1	"	800	-	50	50	-	3.5mA	-	25	30	-	-	Mo	
MRD603	S1	"	800	-	50	50	-	6mA	-	25	30	-	-	MO	
MRD604	S1	"	800	-	50	50	-	8.5mA	-	25	30	-	-	Mo	
MRD3050	S1	"	800	-	30	30	-	200	-	100	20	-	-	Mo	
MRD3051	S1	"	800	-	30	30	-	200	-	100	20	-	-	Mo	
MRD3054	S1	"	800	-	30	30	-	1.8mA	-	100	20	-	-	Mo	
MRD3055	S1	"	800	-	30	30	-	2.5mA	-	100	20	-	-	Mo	
MRD3056	S1	"	800	-	30	30	-	1.2mA	-	100	20	-	-	Mo	
TIL63	S1	"	-	50	-	-	-	400	5	25	30	-	-	TI	
TIL64	S1	"	-	50	-	-	-	400	5	25	30	-	-	TI	
TIL65	S1	"	-	50	-	-	-	1mA	5	25	30	-	-	TI	
TIL66	S1	"	-	50	-	-	-	2.5mA	5	25	30	-	-	TI	
TIL67	S1	"	-	50	-	-	-	6mA	5	25	30	-	-	TI	
TIL78	S1	"	-	50	-	-	-	1mA	5	25	30	-	-	TI	
TIL81	S1	"	-	250	-	-	-	5mA	5	100	10	-	-	TI	
TIL99	S1	"	-	250	-	-	-	1mA	5	100	10	-	-	TI	
TIL401	S1	"	-	50	-	-	-	500	50	25	30	-	-	TI	
TIL402	S1	"	-	50	-	-	-	2mA	5	25	30	-	-	TI	
TIL403	S1	"	-	50	-	-	-	5mA	5	25	30	-	-	TI	
TIL404	S1	"	-	50	-	-	-	8mA	5	25	30	-	-	TI	
TIL405	S1	"	-	50	-	-	-	10mA	5	25	30	-	-	TI	
ZM100	S1 NPN	"	780	300	-	35	35	10	-	1µA	10	TO-18	05	Fe	
ZM110	S1 NPN Transistor	"	780	300	-	35	35	5	-	-	10	TO-18	05	Fe	
2N5777	S1 NPN	"	800	200	-	25	25	8	500	5	100	12	-	09	GE
2N5778	S1 NPN	"	800	200	-	40	40	12	500	5	100	12	-	09	GE
2N5779	S1 NPN	"	800	200	-	25	25	8	2mA	5	100	12	-	09	GE
2N5780	S1 NPN	"	800	200	-	40	40	12	2mA	5	100	12	-	09	GE

Características:

V_{CE(max)}.....50 V
 P_{tot}.....50 mW
 Corrente no escuro (max)... 100 nA
 Corrente no claro (tip)..... 1 µA
 V_{CE(SAT)}.....0,4 V (tip)

