

# EEPROM Maps EDR

Lower Memory Map			100G-100G				
			1M 33AWG	1M 30AWG	2M 30AWG	2M 26AWG	3M 26AWG
Address	Name	Description	2829040-2	2829040-4	2829040-6	2829040-7	2829040-8
0	Identifier	Value 11h: QSPF28	00h	00h	00h	00h	00h
1	Revision Compliance	Value 07h: SFF-8636 Rev 2.5	07h	07h	07h	07h	07h
2	Status	Status	06h	06h	06h	06h	06h
3	Interrupt Flags (19 Bytes)	Channel Monitor interrupt flags	00h	00h	00h	00h	00h
4		Channel Monitor interrupt flags	00h	00h	00h	00h	00h
5		Channel Monitor interrupt flags	00h	00h	00h	00h	00h
6		Channel Monitor interrupt flags	00h	00h	00h	00h	00h
7		Channel Monitor interrupt flags	00h	00h	00h	00h	00h
8		Channel Monitor interrupt flags	00h	00h	00h	00h	00h
9		Channel Monitor interrupt flags	00h	00h	00h	00h	00h
10		Channel Monitor interrupt flags	00h	00h	00h	00h	00h
11		Channel Monitor interrupt flags	00h	00h	00h	00h	00h
12		Channel Monitor interrupt flags	00h	00h	00h	00h	00h
13		Channel Monitor interrupt flags	00h	00h	00h	00h	00h
14		Channel Monitor interrupt flags	00h	00h	00h	00h	00h
15		Reserved	00h	00h	00h	00h	00h
16		Reserved	00h	00h	00h	00h	00h
17		Reserved	00h	00h	00h	00h	00h
18		Reserved	00h	00h	00h	00h	00h
19		Vendor Specific	00h	00h	00h	00h	00h
20		Vendor Specific	00h	00h	00h	00h	00h
21		Vendor Specific	00h	00h	00h	00h	00h
22	Module Monitors (12 Bytes)	Internally measured temperature	00h	00h	00h	00h	00h
23		Internally measured temperature	00h	00h	00h	00h	00h
24		Reserved	00h	00h	00h	00h	00h
25		Reserved	00h	00h	00h	00h	00h
26		Internally measured supply voltage	00h	00h	00h	00h	00h
27		Internally measured supply voltage	00h	00h	00h	00h	00h
28		Reserved	00h	00h	00h	00h	00h
29		Reserved	00h	00h	00h	00h	00h
30		Vendor Specific	00h	00h	00h	00h	00h
31		Vendor Specific	00h	00h	00h	00h	00h
32		Vendor Specific	00h	00h	00h	00h	00h
33		Vendor Specific	00h	00h	00h	00h	00h
34	Channel Monitors (48 Bytes)	Channel Monitors	00h	00h	00h	00h	00h
35		Channel Monitors	00h	00h	00h	00h	00h
36		Channel Monitors	00h	00h	00h	00h	00h
37		Channel Monitors	00h	00h	00h	00h	00h
38		Channel Monitors	00h	00h	00h	00h	00h
39		Channel Monitors	00h	00h	00h	00h	00h
40		Channel Monitors	00h	00h	00h	00h	00h
41		Channel Monitors	00h	00h	00h	00h	00h
42		Channel Monitors	00h	00h	00h	00h	00h
43		Channel Monitors	00h	00h	00h	00h	00h
44		Channel Monitors	00h	00h	00h	00h	00h
45		Channel Monitors	00h	00h	00h	00h	00h
46		Channel Monitors	00h	00h	00h	00h	00h
47		Channel Monitors	00h	00h	00h	00h	00h
48		Channel Monitors	00h	00h	00h	00h	00h
49		Channel Monitors	00h	00h	00h	00h	00h
50		Channel Monitors	00h	00h	00h	00h	00h
51		Channel Monitors	00h	00h	00h	00h	00h
52		Channel Monitors	00h	00h	00h	00h	00h
53		Channel Monitors	00h	00h	00h	00h	00h
54		Channel Monitors	00h	00h	00h	00h	00h
55		Channel Monitors	00h	00h	00h	00h	00h
56		Channel Monitors	00h	00h	00h	00h	00h
57		Channel Monitors	00h	00h	00h	00h	00h
58		Reserved Channel Monitors	00h	00h	00h	00h	00h
59		Reserved Channel Monitors	00h	00h	00h	00h	00h
60		Reserved Channel Monitors	00h	00h	00h	00h	00h
61		Reserved Channel Monitors	00h	00h	00h	00h	00h
62		Reserved Channel Monitors	00h	00h	00h	00h	00h
63		Reserved Channel Monitors	00h	00h	00h	00h	00h
64		Reserved Channel Monitors	00h	00h	00h	00h	00h
65		Reserved Channel Monitors	00h	00h	00h	00h	00h
66		Reserved Channel Monitors	00h	00h	00h	00h	00h
67		Reserved Channel Monitors	00h	00h	00h	00h	00h
68		Reserved Channel Monitors	00h	00h	00h	00h	00h
69		Reserved Channel Monitors	00h	00h	00h	00h	00h
70		Reserved Channel Monitors	00h	00h	00h	00h	00h
71		Reserved Channel Monitors	00h	00h	00h	00h	00h
72		Reserved Channel Monitors	00h	00h	00h	00h	00h
73		Reserved Channel Monitors	00h	00h	00h	00h	00h
74		Vendor Specific	00h	00h	00h	00h	00h
75		Vendor Specific	00h	00h	00h	00h	00h
76		Vendor Specific	00h	00h	00h	00h	00h
77		Vendor Specific	00h	00h	00h	00h	00h
78		Vendor Specific	00h	00h	00h	00h	00h
79		Vendor Specific	00h	00h	00h	00h	00h
80		Vendor Specific	00h	00h	00h	00h	00h
81		Vendor Specific	00h	00h	00h	00h	00h
82	Reserved (4 Bytes)	Reserved	00h	00h	00h	00h	00h
83		Reserved	00h	00h	00h	00h	00h
84		Reserved	00h	00h	00h	00h	00h
85		Reserved	00h	00h	00h	00h	00h
86	Control (12 Bytes)	Control functions	00h	00h	00h	00h	00h
87		Control functions	00h	00h	00h	00h	00h
88		Control functions	00h	00h	00h	00h	00h
89		Control functions	00h	00h	00h	00h	00h
90		Control functions	00h	00h	00h	00h	00h
91		Control functions	00h	00h	00h	00h	00h
92		Control functions	00h	00h	00h	00h	00h
93		Control functions	00h	00h	00h	00h	00h
94		Control functions	00h	00h	00h	00h	00h
95		Control functions	00h	00h	00h	00h	00h
96		Control functions	00h	00h	00h	00h	00h
97		Control functions	00h	00h	00h	00h	00h
98		Control functions	00h	00h	00h	00h	00h
99	Reserved	Reserved	00h	00h	00h	00h	00h
100	Module and Channel Masks (7 Bytes)	Hardware interrupt pin masking bits	00h	00h	00h	00h	00h
101		Hardware interrupt pin masking bits	00h	00h	00h	00h	00h
102		Hardware interrupt pin masking bits	00h	00h	00h	00h	00h
103		Hardware interrupt pin masking bits	00h	00h	00h	00h	00h
104		Hardware interrupt pin masking bits	00h	00h	00h	00h	00h
105		Vendor Specific	00h	00h	00h	00h	00h
106		Vendor Specific	00h	00h	00h	00h	00h
107	Reserved (12 bytes)	Reserved	00h	00h	00h	00h	00h
108		Free Side Device Properties	00h	00h	00h	00h	00h
109		Free Side Device Properties	01h	01h	01h	01h	01h
110		Free Side Device Properties	38h	38h	38h	38h	38h
111		Free Side Device Properties	00h	00h	00h	00h	00h
112		Free Side Device Properties	00h	00h	00h	00h	00h
113		Free Side Device Properties	10h	10h	10h	10h	10h
114		Reserved	00h	00h	00h	00h	00h
115		Reserved	00h	00h	00h	00h	00h
116		Reserved	00h	00h	00h	00h	00h
117		Reserved	00h	00h	00h	00h	00h
118		Reserved	00h	00h	00h	00h	00h
119	Reserved (4 bytes)	Password Change Entry Area	00h	00h	00h	00h	00h
120		Password Change Entry Area	00h	00h	00h	00h	00h
121		Password Change Entry Area	00h	00h	00h	00h	00h
122		Password Change Entry Area	00h	00h	00h	00h	00h
123	Reserved (4 bytes)	Password Entry Area	00h	00h	00h	00h	00h
124		Password Entry Area	00h	00h	00h	00h	00h
125		Password Entry Area	00h	00h	00h	00h	00h
126		Password Entry Area	00h	00h	00h	00h	00h
127	Page Select Byte	Value of 00h indicates upper memory Page 00h is mapped to Bytes 12	00h	00h	00h	00h	00h

# Upper Memory Map 00h

## 100G-100G

Address	Name	Description	1M 33AWG	1M 30AWG	2M 30AWG	2M 26AWG	3M 26AWG
128	Identifier (1 Byte)	Identifier type of serial transceiver	2231368-1	2231368-2	2231368-3	2231368-4	2231368-7
129	Ext. Identifier (1 Byte)	Extended identifier of serial transceiver	00h	00h	00h	00h	00h
130	Connector (1 Byte)	Code for connector type	00h	00h	00h	00h	00h
131	Transceiver (8 Bytes)	Code for electronic or optical comp ability	88h	88h	88h	88h	88h
132	Code for electronic or optical comp ability	00h	00h	00h	00h	00h	
133	Code for electronic or optical comp ability	00h	00h	00h	00h	00h	
134	Code for electronic or optical comp ability	00h	00h	00h	00h	00h	
135	Code for electronic or optical comp ability	00h	00h	00h	00h	00h	
136	Code for electronic or optical comp ability	00h	00h	00h	00h	00h	
137	Code for electronic or optical comp ability	00h	00h	00h	00h	00h	
138	Code for electronic or optical comp ability	00h	00h	00h	00h	00h	
139	Encoding (1 Byte)	Code for serial encoding algorithm	00h	00h	00h	00h	00h
140	BR nominal (1 Byte)	Nominal bit rate units of 100 Mbps	Ffh	Ffh	Ffh	Ffh	Ffh
141	Ext. Rate Sel Comp (1 Byte)	Tags for extended rate select compliance	00h	00h	00h	00h	00h
142	Length 50um (1 Byte)	Link length supported for 50 fiber in 1m	00h	00h	00h	00h	00h
143	Length E-50um (1 Byte)	Link length supported for EFW 50/125um fiber units of 2m	00h	00h	00h	00h	00h
144	Length 50um (1 Byte)	Link length supported for 50/125um fiber units of 1m	00h	00h	00h	00h	00h
145	Length 62.5um (1 Byte)	Link length supported for 62.5/125um fiber units of 1m	00h	00h	00h	00h	00h
146	Length Copper (1 Byte)	Link length supported copper units of 1m	01h	01h	02h	02h	03h
147	Device Technology (1 Byte)	Device technology	Adh	Adh	Adh	Adh	Adh
148	Vendor Name (16 Bytes)	OSFP28 Vendor name (ASCII)	T	T	T	T	T
149	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
150	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
151	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
152	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
153	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
154	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
155	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
156	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
157	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
158	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
159	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
160	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
161	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
162	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
163	OSFP28 Vendor name (ASCII)	'	'	'	'	'	
164	Ext. Transceiver (1 Byte)	Extended transceiver codes for InfiniBand	1Fh	1Fh	1Fh	1Fh	1Fh
165	Vendor OUI (3 Bytes)	OSFP28 vendor IEEE vendor company ID	00h	00h	00h	00h	00h
166	OSFP28 Vendor IEEE vendor company ID	40h	40h	40h	40h	40h	
167	OSFP28 Vendor IEEE vendor company ID	20h	20h	20h	20h	20h	
168	Vendor PN (16 Bytes)	Part number provided by OSFP28 vendor (ASCII)	2	2	2	2	2
169	Part number provided by OSFP28 vendor (ASCII)	8	8	8	8	8	
170	Part number provided by OSFP28 vendor (ASCII)	2	2	2	2	2	
171	Part number provided by OSFP28 vendor (ASCII)	9	9	9	9	9	
172	Part number provided by OSFP28 vendor (ASCII)	0	0	0	0	0	
173	Part number provided by OSFP28 vendor (ASCII)	4	4	4	4	4	
174	Part number provided by OSFP28 vendor (ASCII)	0	0	0	0	0	
175	Part number provided by OSFP28 vendor (ASCII)	.	.	.	.	.	
176	Part number provided by OSFP28 vendor (ASCII)	2	4	6	7	8	
177	Part number provided by OSFP28 vendor (ASCII)	20h	20h	20h	20h	20h	
178	Part number provided by OSFP28 vendor (ASCII)	20h	20h	20h	20h	20h	
179	Part number provided by OSFP28 vendor (ASCII)	20h	20h	20h	20h	20h	
180	Part number provided by OSFP28 vendor (ASCII)	20h	20h	20h	20h	20h	
181	Part number provided by OSFP28 vendor (ASCII)	20h	20h	20h	20h	20h	
182	Part number provided by OSFP28 vendor (ASCII)	20h	20h	20h	20h	20h	
183	Part number provided by OSFP28 vendor (ASCII)	20h	20h	20h	20h	20h	
184	Vendor Rev. (2 Bytes)	Revision level for partnumber provided by vendor (ASCII)	D	D	D	D	D
185	Revision level for partnumber provided by vendor (ASCII)	20h	20h	20h	20h	20h	
186	Copper Cable Attenuation	copper cable attenuation in dB at 2.5 GHz (Byte 186) and 5.0 GHz (B	06h	04h	05h	06h	05h
187	Copper Cable Attenuation	copper cable attenuation in dB at 2.5 GHz (Byte 186) and 5.0 GHz (B	06h	05h	06h	07h	07h
188	Copper Cable Attenuation	copper cable attenuation in dB at 7.0 GHz (Byte 188) and 12GHz (Byte	09h	06h	09h	08h	09h
189	Copper Cable Attenuation	copper cable attenuation in dB at 7.0 GHz (Byte 188) and 12GHz (Byte	0Bh	0Ah	0Eh	0Ah	0Dh
190	Max. Case Temp (1 Byte)	Maximum case temperature in degrees C	00h	00h	00h	00h	00h
191	CC BASE (1 Byte)	Check code for Base ID fields (addresses 12-190)	#Checksum(128,190)	#Checksum(128,190)	#Checksum(128,190)	#Checksum(128,190)	#Checksum(128,190)
192	Options (4 Bytes)	Rate select, Tx disable, Tx fault, LOS	00h	00h	00h	00h	00h
193	Rate select, Tx disable, Tx fault, LOS	00h	00h	00h	00h	00h	
194	Rate select, Tx disable, Tx fault, LOS	00h	00h	00h	00h	00h	
195	Rate select, Tx disable, Tx fault, LOS	00h	00h	00h	00h	00h	
196	Vendor SN (16 Bytes)	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN
197	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
198	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
199	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
200	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
201	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
202	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
203	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
204	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
205	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
206	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
207	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
208	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
209	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
210	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
211	Serial number provided by vendor (ASCII)	#SN	#SN	#SN	#SN	#SN	
212	Date Code (8 Bytes)	Vendor's manufacturing date code	#YearLowLSB	#YearLowLSB	#YearLowLSB	#YearLowLSB	#YearLowLSB
213	Vendor's manufacturing date code	#YearLowLSB	#YearLowLSB	#YearLowLSB	#YearLowLSB	#YearLowLSB	
214	Vendor's manufacturing date code	#MonthLSB	#MonthLSB	#MonthLSB	#MonthLSB	#MonthLSB	
215	Vendor's manufacturing date code	#MonthLSB	#MonthLSB	#MonthLSB	#MonthLSB	#MonthLSB	
216	Vendor's manufacturing date code	#DayMSB	#DayMSB	#DayMSB	#DayMSB	#DayMSB	
217	Vendor's manufacturing date code	#DayLSB	#DayLSB	#DayLSB	#DayLSB	#DayLSB	
218	Vendor's manufacturing date code	20h	20h	20h	20h	20h	
219	Vendor's manufacturing date code	20h	20h	20h	20h	20h	
220	Diag Monitor Type (1 Byte)	Indicates which type of diagnostic monitoring is implemented	00h	00h	00h	00h	00h
221	Enhanced Options (1 Byte)	Indicates which optional enhanced features are implemented	00h	00h	00h	00h	00h
222	Reserved (1 Byte)	Reserved	67h	67h	67h	67h	67h
223	CC_EXT (1 Byte)	Check code for the extended ID fields (addresses 192-222)	#Checksum(192,222)	#Checksum(192,222)	#Checksum(192,222)	#Checksum(192,222)	#Checksum(192,222)
224	Vendor Specific (32 Bytes)	Vendor Specific EEPROM	#Mfginfo1	#Mfginfo1	#Mfginfo1	#Mfginfo1	#Mfginfo1
225	Vendor Specific EEPROM	#Mfginfo2	#Mfginfo2	#Mfginfo2	#Mfginfo2	#Mfginfo2	
226	Vendor Specific EEPROM	#Mfginfo3	#Mfginfo3	#Mfginfo3	#Mfginfo3	#Mfginfo3	
227	Vendor Specific EEPROM	#Mfginfo4	#Mfginfo4	#Mfginfo4	#Mfginfo4	#Mfginfo4	
228	Vendor Specific EEPROM	#Mfginfo5	#Mfginfo5	#Mfginfo5	#Mfginfo5	#Mfginfo5	
229	Vendor Specific EEPROM	#Mfginfo6	#Mfginfo6	#Mfginfo6	#Mfginfo6	#Mfginfo6	
230	Vendor Specific EEPROM	#Mfginfo7	#Mfginfo7	#Mfginfo7	#Mfginfo7	#Mfginfo7	
231	Vendor Specific EEPROM	#Mfginfo8	#Mfginfo8	#Mfginfo8	#Mfginfo8	#Mfginfo8	
232	Vendor Specific EEPROM	#Mfginfo9	#Mfginfo9	#Mfginfo9	#Mfginfo9	#Mfginfo9	
233	Vendor Specific EEPROM	#Mfginfo10	#Mfginfo10	#Mfginfo10	#Mfginfo10	#Mfginfo10	
234	Vendor Specific EEPROM	#Mfginfo11	#Mfginfo11	#Mfginfo11	#Mfginfo11	#Mfginfo11	
235	Vendor Specific EEPROM	#Mfginfo12	#Mfginfo12	#Mfginfo12	#Mfginfo12	#Mfginfo12	
236	Vendor Specific EEPROM	#Mfginfo13	#Mfginfo13	#Mfginfo13	#Mfginfo13	#Mfginfo13	
237	Vendor Specific EEPROM	#Mfginfo14	#Mfginfo14	#Mfginfo14	#Mfginfo14	#Mfginfo14	
238	Vendor Specific EEPROM	#Mfginfo15	#Mfginfo15	#Mfginfo15	#Mfginfo15	#Mfginfo15	
239	Vendor Specific EEPROM	#Mfginfo16	#Mfginfo16	#Mfginfo16	#Mfginfo16	#Mfginfo16	
240	Vendor Specific EEPROM	#Mfginfo17	#Mfginfo17	#Mfginfo17	#Mfginfo17	#Mfginfo17	
241	Vendor Specific EEPROM	#Mfginfo18	#Mfginfo18	#Mfginfo18	#Mfginfo18	#Mfginfo18	
242	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
243	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
244	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
245	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
246	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
247	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
248	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
249	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
250	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
251	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
252	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
253	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
254	Vendor Specific EEPROM	00h	00h	00h	00h	00h	
255	Vendor Specific EEPROM	00h	00h	00h	00h	00h	